

APPENDIX D—EQUATING REPORT

E Q U A T I N G R E P O R T

**NEW ENGLAND COMMON
ASSESSMENT PROGRAM
2007-2008 EQUATING RESULTS**



Final Report

January 2008

NEW ENGLAND COMMON ASSESSMENT PROGRAM

2007-2008 EQUATING RESULTS

The purpose of this document is to summarize the equating results obtained from Measured Progress for NECAP. Presented in this report are various program summary statistics and specific results related to the equating study.

The results of this report are organized as follows:

- I. Aggregate Results
 - a. Percentage of students by performance level categories
 - b. Raw Scores Associated with Cutpoints
 - c. Calibration Report
 - d. Equating Report
 - e. Summary of Psychometric QC Activities
- II. For each grade content:
 - a. Δ Plot, b plot, a plot, TCCs, SS distributions, and Lookup Tables
 - b. Rescore Analysis Results
 - c. Content and item type distribution of equating items
 - d. Classical test theory statistics and item specifications for equating item
 - e. Tabled delta analysis results

The final results of this equating will be included as part of the 2007-2008 NECAP Technical Manual. If requested Measured Progress will distribute and/or present this report at the next NECAP Technical Advisory Committee Meeting.

Equating was not required for Writing Grades 5 and 8 because a pre-equated solution was used for the forms administered. Results for these two grade/contents are included in Sections I.a and I.b, and the lookup tables as well as the TCCs and Scaled Score distribution are provided in Section II.a. Additionally, the Grade 11 program is only included in part of the Calibration Report, and other results can be calculated only after standards have been set.

SECTION I.A

NECAP

PERCENTAGE OF STUDENTS BY PERFORMANCE LEVEL CATEGORIES

SECTION I.B

NECAP
RAW SCORES ASSOCIATED WITH CUTPOINTS

Table I.b.1

Grade	Content	SbP/PP		PP/P		P/PwD		Max Points	
		2007	2008	2007	2008	2007	2008	2007	2008
3	Math	26	29	38	40	54	56	65	65
4	Math	26	26	37	38	54	55	65	65
5	Math	20	21	29	28	50	47	66	66
6	Math	19	20	28	28	49	47	66	66
7	Math	19	18	26	27	44	45	66	66
8	Math	18	17	25	27	45	48	66	66
3	Reading	21	22	31	31	46	44	52	52
4	Reading	21	22	31	31	43	43	52	52
5	Reading	18	18	27	27	39	38	52	52
6	Reading	20	20	29	28	42	39	52	52
7	Reading	19	19	29	28	42	42	52	52
8	Reading	21	23	31	33	44	44	52	52
5	Writing	18	18	22	22	27	26	37	37
8	Writing	19	18	25	24	31	30	37	37

Note 1: Tan shading indicates lower raw score needed, blue shading indicates higher raw score needed, while no shading indicated any difference between years.

Note 2: The values presented in Table I.b.1 are not the cutscores per se. The cutscores are defined on the θ metric and do not change from year to year. The values in this table represent the raw scores associated with the cutscores, and these values are found via a TCC mapping.

SECTION I.C

NECAP
Calibration Report

NECAP Calibration Report

PARSCALE 4.1 was used for all analyses. All command files were set up in a way that all general settings were identical to last year. For example the calibration statement read:

```
CAL GRADED,LOGISTIC,CYCLE=(100,1,1,1,1),TPRIOR,SPRIOR,GPRIOR;
```

Thus, a graded response model was used for the polytomous items, and a 3PLM was used for all MC items. For dichotomously scored short answer items the lower asymptote of the ICC was set equal to 0.0 (i.e., a 2PLM was used). The logistic version of the IRT models was used, and default priors were used for all parameter estimates. Each item occupied its own unique block in the command file; thus, allowing the threshold parameters to vary across the polytomously scored items.

Table 1 shows the number of Newton cycles to conversion for each grade/content. The resulting parameters demonstrated excellent model fit.

Table I.c.1
Number of Cycles to Convergence

Grade/Content	Cycles
MAT03	59
MAT04	47
MAT05	74
MAT06	61
MAT07	62
MAT08	67
MAT11	94
REA03	57
REA04	52
REA05	50
REA06	52
REA07	47
REA08	50
REA11	50

For some items the guessing parameter was not fully estimated during the IRT calibration. This is not at all unusual as difficulty in estimating the c-parameter has been well documented in the psychometric literature. After carefully studying these items we found that fixing the lower asymptote to a value of $c=0.0$ resulted in stable and reasonable estimates for both the a and b parameters (relative to CTT statistics). This

technique also produced item parameters that resulted in excellent model fit (comparing theoretical ICCs to observed ICCs).

Using a delta analysis procedure to evaluate equating items very few items were removed from the equating analysis. With generally only about 1 item being removed for each grade/content these results are what we have found typically occurs. Results from this analysis are included in Section II of this report. Items were also flagged for a variety of other reasons such as: IRT statistical criteria, copy match, or actions taken during IRT calibration. This created our Table I.c.2, which includes final actions taken on these items.

Table I.c.2
Items Studied and/or Requiring Intervention
During the IRT Calibration / Equating Process

IREF	Content	Grade	Form	Pos	Reason	Action
255679	MAT	03	00	2	c parameter	c = 0.00
255902	MAT	03	00	48	c parameter	c = 0.00
205957	MAT	03	06	15	delta analysis	removed from anchor
255673	MAT	04	00	27	c parameter	c = 0.00
232594	MAT	04	04	7	CM: Name change	none
227035	MAT	04	03	55	delta analysis	removed from anchor
225307	MAT	05	00	22	c parameter	c = 0.00
255226	MAT	05	00	48	c parameter	c = 0.00
203949	MAT	05	07	61	CM: Position change	none
225345	MAT	06	01	51	delta analysis	removed from anchor
225267	MAT	06	03	28	delta analysis	removed from anchor
224793	MAT	07	05	49	c parameter	c = 0.00
199947	MAT	07	05	51	c parameter	c = 0.00
255899	MAT	07	08	19	a parameter	cslope
234459	MAT	07	02	16	delta analysis	removed from anchor
256309	MAT	08	06	36	delta analysis	removed from anchor
259808	MAT	11	00	6	ALL STATS	
255216	REA	03	00	38	c parameter	c = 0.00
225242	REA	03	03	46	ALL IRT	initial values / no EQ
255334	REA	03	02	50	delta analysis	removed from anchor
255618	REA	04	00	29	ALL IRT	initial values
230656	REA	05	00	10	c parameter	c = 0.00
201396	REA	05	00	13	c parameter	c = 0.00
230676	REA	05	00	16	c parameter	c = 0.16
256253	REA	05	00	37	c parameter	c = 0.00
256259	REA	05	00	39	c parameter	c = 0.00
256368	REA	05	02	42	CM: Position change	none
226599	REA	05	02	18	delta analysis	removed from anchor
256435	REA	06	00	32	c parameter	c = 0.00
256316	REA	06	00	36	c parameter	c = 0.00
204479	REA	06	02	18	delta analysis	removed from anchor
255924	REA	07	00	16	c parameter	c = 0.00
255962	REA	07	00	27	c parameter	c = 0.00

IREF	Content	Grade	Form	Pos	Reason	Action
201554	REA	07	00	37	c parameter	c = 0.00
201561	REA	07	00	40	c parameter	c = 0.00
255823	REA	08	00	25	c parameter	c = 0.00
255824	REA	08	00	26	c parameter	c = 0.00
255829	REA	08	00	27	c parameter	c = 0.00
199616	REA	08	00	39	c parameter	c = 0.00
199617	REA	08	00	40	c parameter	c = 0.00
204095	REA	08	01	43	delta analysis	removed from anchor
258651	REA	11	00	13	c parameter	c = 0.00
258724	REA	11	00	18	c parameter	c = 0.00
258476	REA	11	00	22	c parameter	c = 0.00
258475	REA	11	00	23	c parameter	c = 0.00
258479	REA	11	00	24	c parameter	c = 0.00
258611	REA	11	00	30	c parameter	c = 0.00
258541	REA	11	01	37	c parameter	c = 0.00
258510	REA	11	01	47	c parameter	c = 0.00

The number of items identified in Table I.c.2 is very typical for a program such as NECAP, and the actions taken are not outside of the normal routines used at Measured Progress. This list is intended to be an exhaustive list of actions taken during the IRT calibration and equating process and our recommendation is that no further action is required.

SECTION I.D

NECAP
EQUATING REPORT

NECAP Equating Report

In order to report both student performance and to characterize items onto last year's scale a statistical equating procedure was used. Namely, the Stocking & Lord procedure was used for the NECAP program. The equating procedures done this year for NECAP were identical to those used last year, and the same software system was used. In particular the software program STUIRT was used to conduct this portion of the analysis. The STUIRT system was developed by researchers at the University of Iowa CASMA program and can be found at: <http://www.education.uiowa.edu/casma/>.

The resulting transformation constants using the Stocking & Lord procedure are presented in Table I.d.1. These values are very typical for this procedure and suggests that none of the equatings performed for NECAP resulted in dramatic changes in item parameters from one year to the next.

Table I.d.1
Stocking & Lord
Transformation Constants

Grade	Subject	A	B
3	Math	1.013353	0.11305
4	Math	1.034457	-0.08558
5	Math	0.990527	0.126522
6	Math	1.064973	0.130143
7	Math	0.998032	0.111462
8	Math	0.949159	0.133506
3	Reading	1.031863	-0.07915
4	Reading	0.976459	0.172988
5	Reading	0.993657	0.046554
6	Reading	1.041473	-0.04252
7	Reading	1.041472	0.06933
8	Reading	1.095715	-0.06115

In all 12 equatings conducted for NECAP the analyses finished with a termination code of 1.0 (on a 1-5 scale with 1.0 being the best and 5.0 being a less optimal solution). This indicates that for the NECAP program we were able to optimize the equating solution consistently across all grade contents. Additionally, for all grade/contents similar results were found using other equating procedures (e.g., Mean/Mean, Mean/Sigma, and Haebara methods), and this suggests that there were likely no violations to statistical assumptions that are specific to the Stocking & Lord method.

SECTION I.E

NECAP
Summary of Psychometric QC Activities

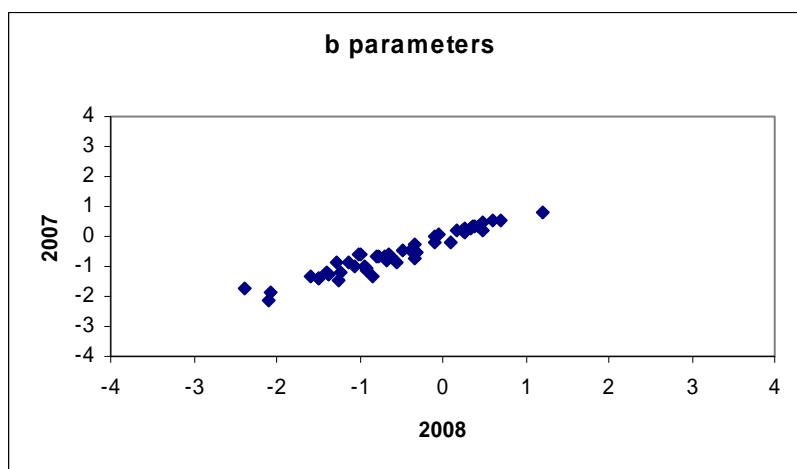
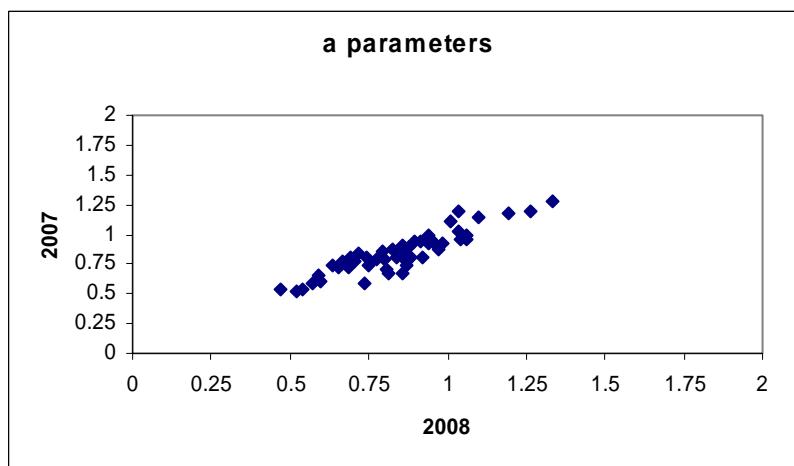
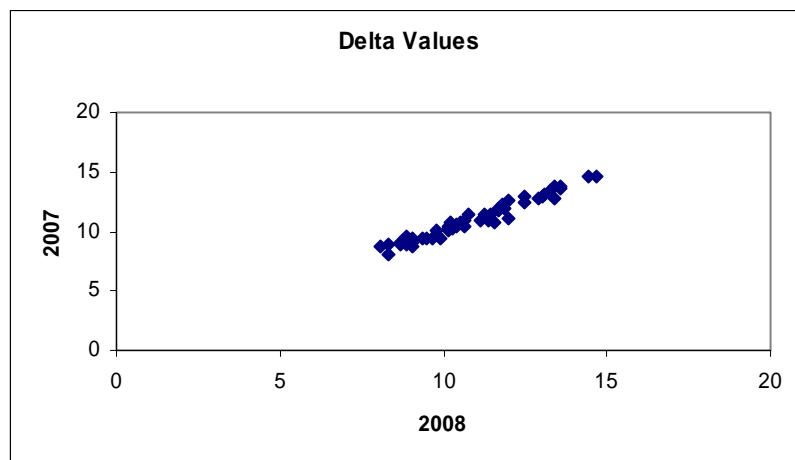
NECAP
Summary of Psychometric QC Activities

- 1) Copy match of equating items
- 2) Key verification process
- 3) Delta analysis
 - a. Crit > 3 removed
- 4) Equating Analysis
 - a. Reasonableness of item parameters
 - b. Low a, high SE on B, c parameter not fully estimated
 - c. Fit files
 - d. Normal end evaluation – over 48 executable programs were run
 - e. Delta plot
 - f. a -plot, b -plots
 - g. TCCs
 - h. Proficiency levels and scaled score distributions
 - i. Internal parallel processing procedures
- 5) Table I.c.1 – items were continuously evaluated
 - a. Statistical values
 - b. Content
- 6) Parallel processing of SS calculation

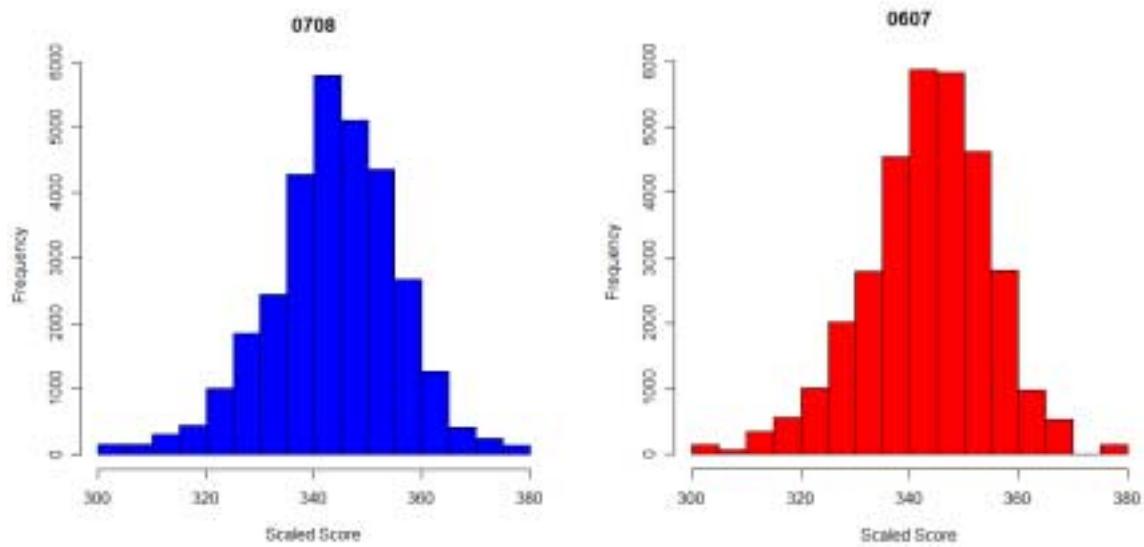
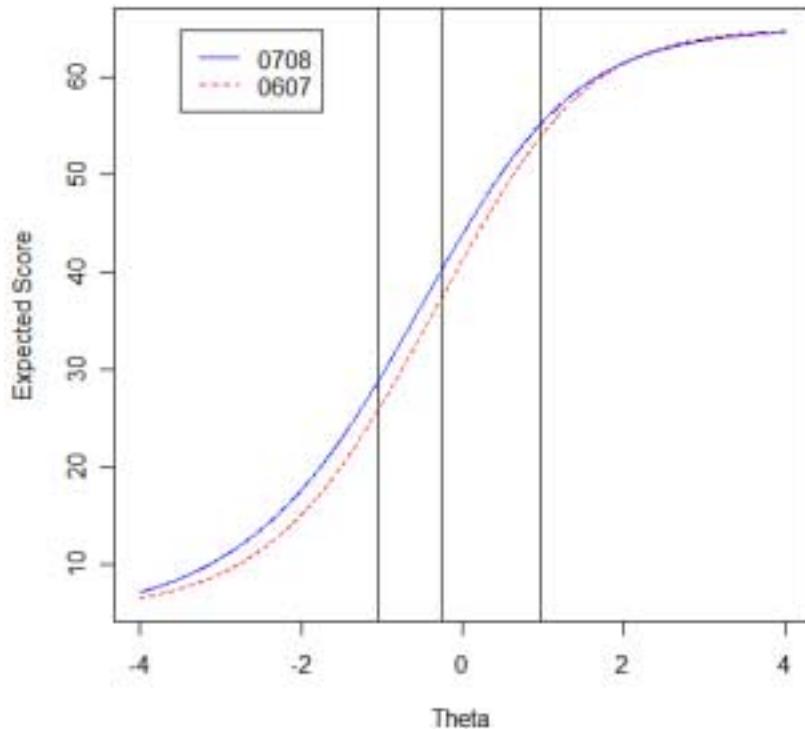
SECTION II.A

NECAP
RESULTS FOR EACH GRADE CONTENT

MATH GRADE 03
EQUATING ITEM EVALUATION



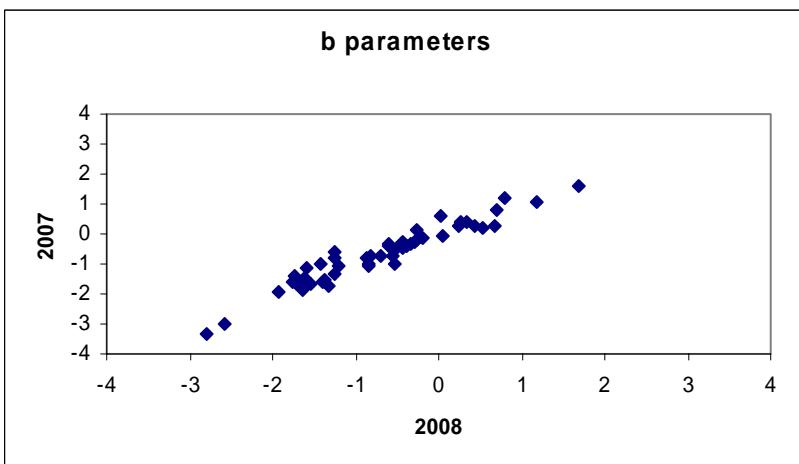
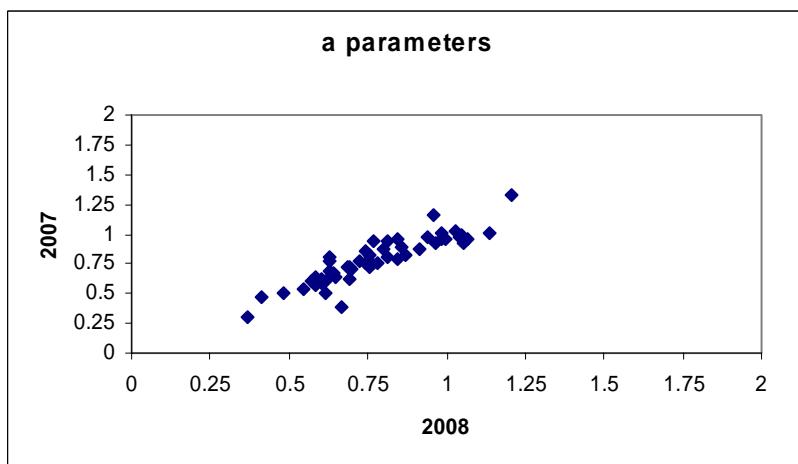
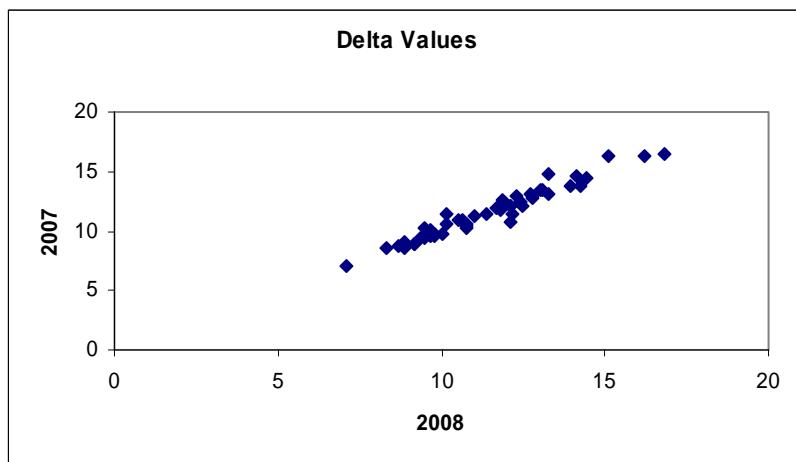
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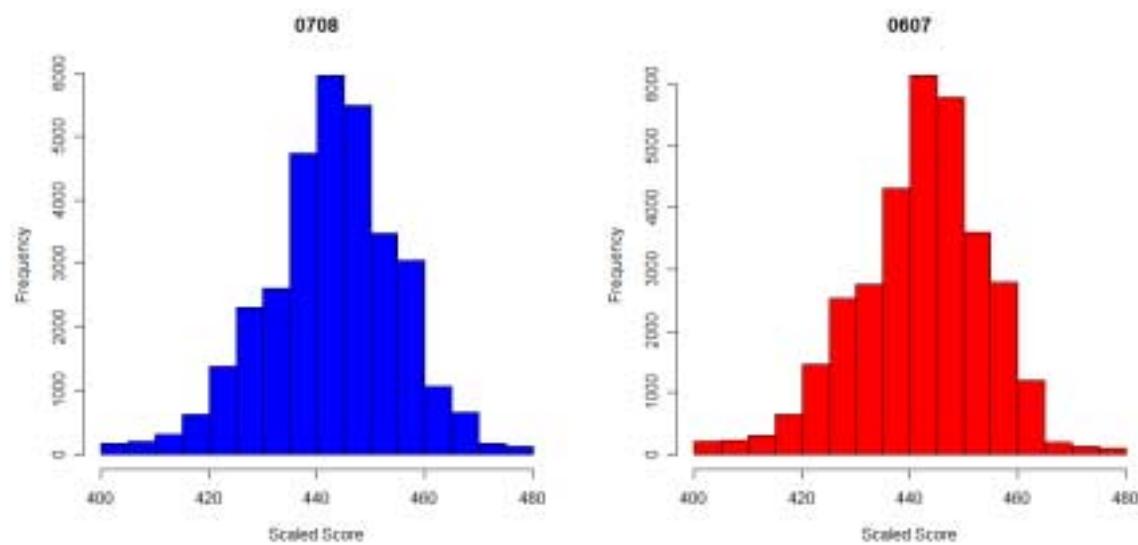
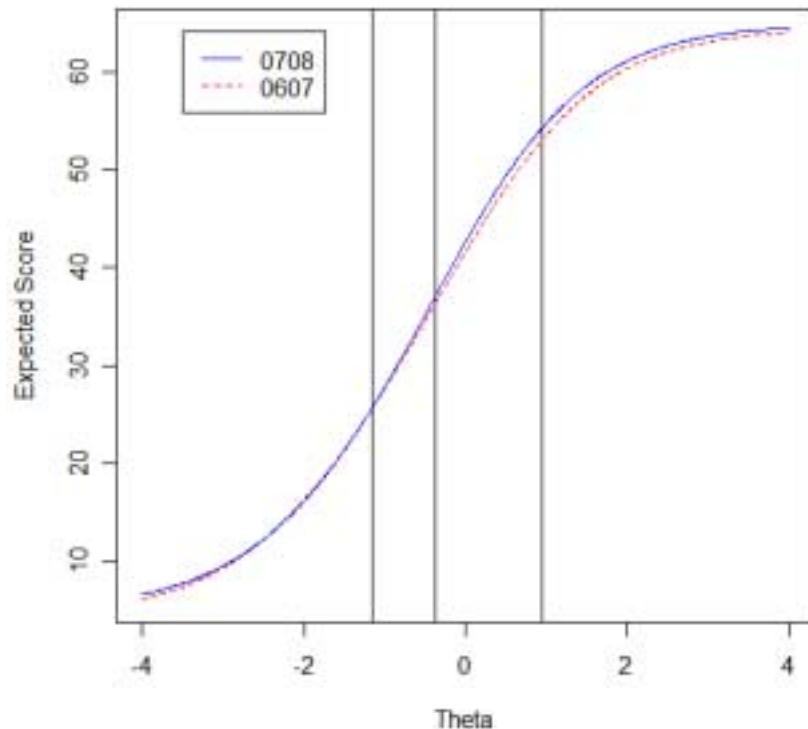
Math Grade 3

Raw	2008	2007	45	344	346
0	300	300	46	345	346
1	300	300	47	345	347
2	300	300	48	346	348
3	300	300	49	347	349
4	300	300	50	348	350
5	300	300	51	349	351
6	300	300	52	350	352
7	300	303	53	351	352
8	304	307	54	352	353
9	307	311	55	352	355
10	309	313	56	354	356
11	312	315	57	356	357
12	313	317	58	357	358
13	315	319	59	359	360
14	317	320	60	361	361
15	318	321	61	363	364
16	320	323	62	366	366
17	321	324	63	371	370
18	322	325	64	378	376
19	323	326	65	380	380
20	324	327			
21	325	328			
22	326	329			
23	327	329			
24	328	330			
25	329	331			
26	329	332			
27	330	333			
28	331	333			
29	332	334			
30	333	335			
31	333	336			
32	334	336			
33	335	337			
34	336	338			
35	336	338			
36	337	339			
37	338	339			
38	339	341			
39	339	341			
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41	341	343			
42	342	343			
43	342	344			
44	343	345			

MATH GRADE 04
EQUATING ITEM EVALUATION



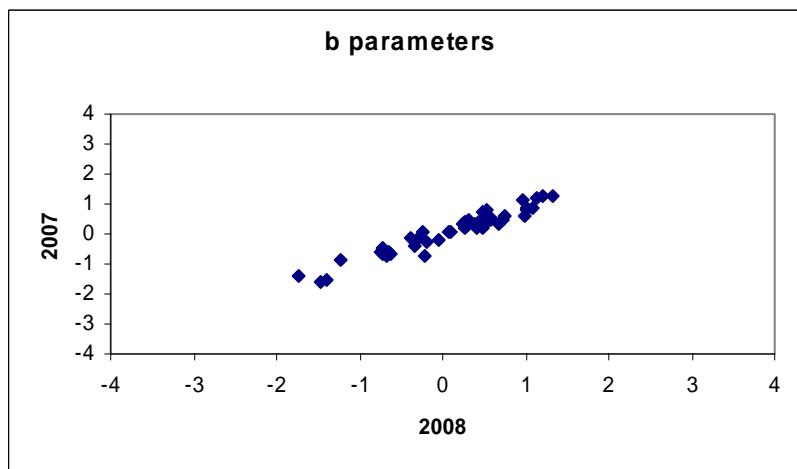
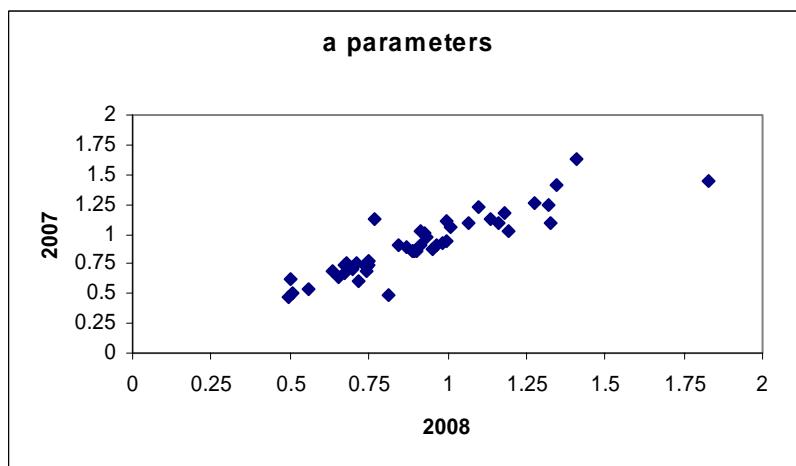
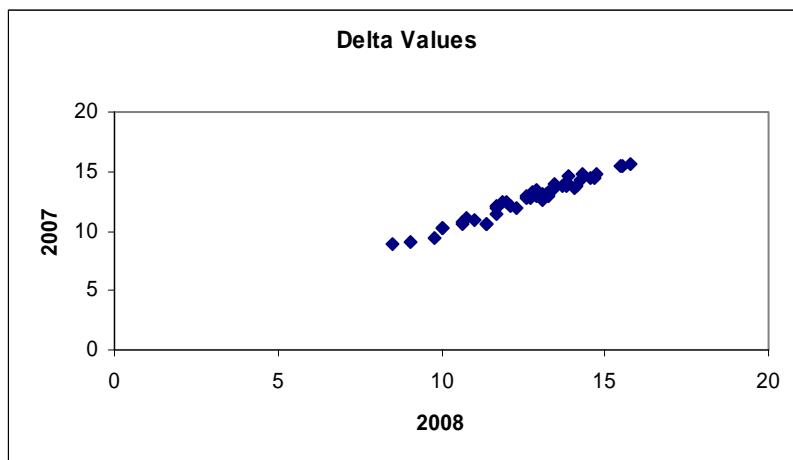
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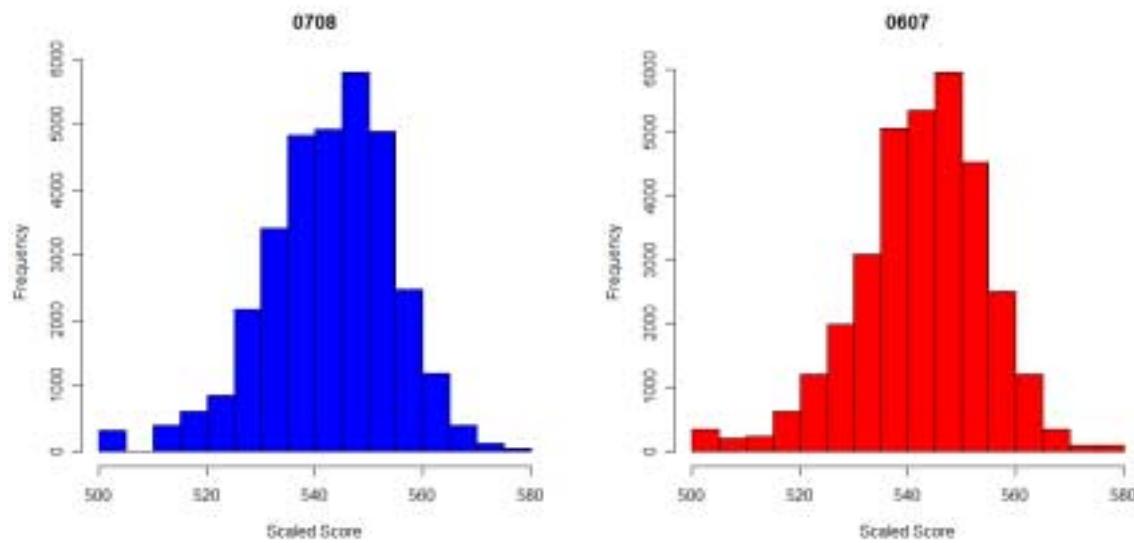
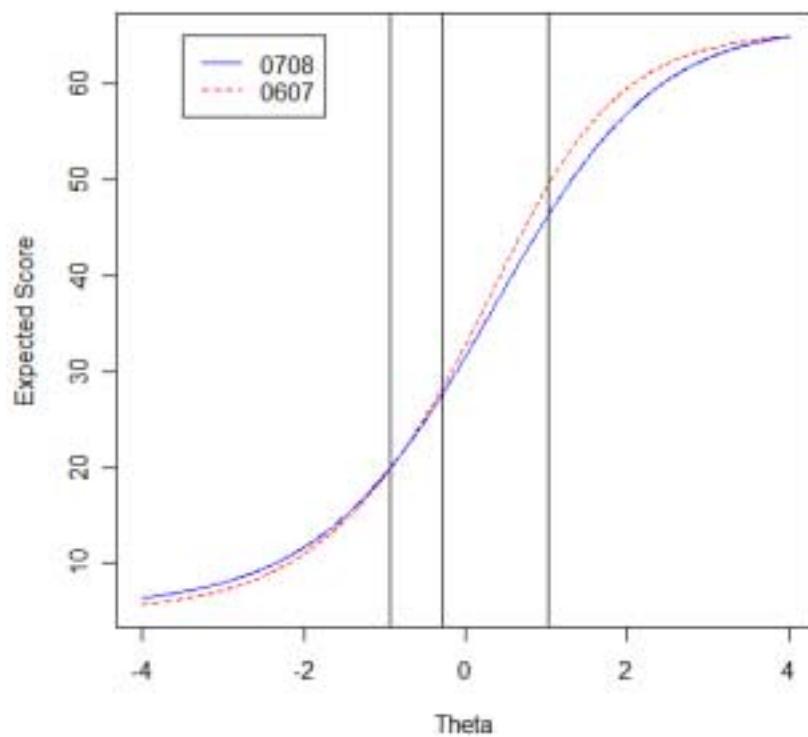
Math Grade 4

Raw	2008	2007	45	446	447
	400	400	46	447	448
1	400	400	47	448	449
2	400	400	48	448	450
3	400	400	49	449	450
4	400	400	50	450	451
5	400	400	51	451	452
6	400	400	52	452	453
7	402	404	53	453	454
8	406	408	54	454	456
9	410	410	55	456	457
10	412	412	56	457	458
11	414	414	57	458	460
12	416	416	58	460	461
13	418	418	59	462	463
14	419	419	60	464	465
15	421	421	61	466	468
16	422	422	62	469	472
17	423	423	63	473	477
18	424	424	64	480	480
19	425	425	65	480	480
20	426	426			
21	427	427			
22	428	428			
23	429	429			
24	430	430			
25	430	430			
26	432	432			
27	432	433			
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29	434	434			
30	435	435			
31	436	436			
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35	439	439			
36	439	439			
37	439	441			
38	441	441			
39	441	442			
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41	443	444			
42	444	444			
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MATH GRADE 05
EQUATING ITEM EVALUATION



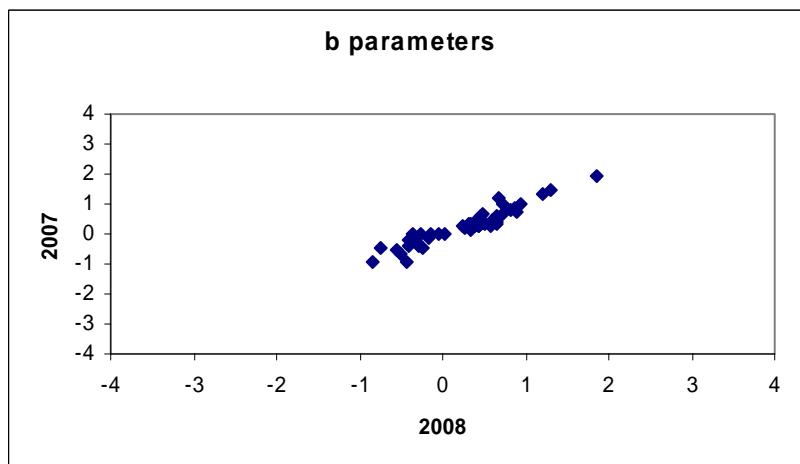
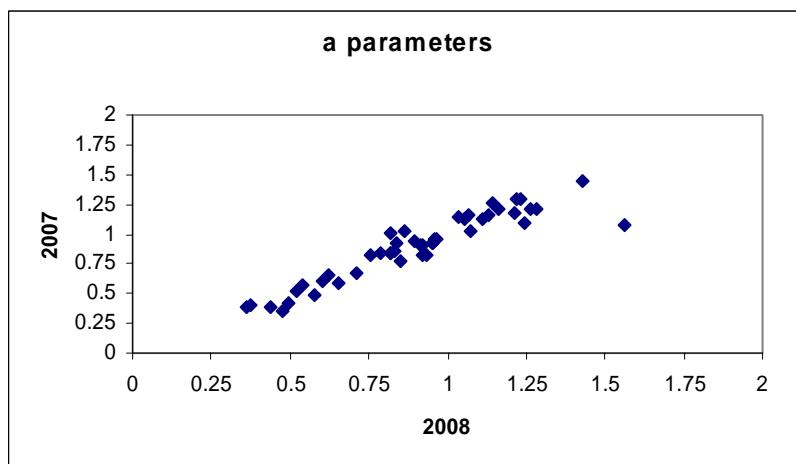
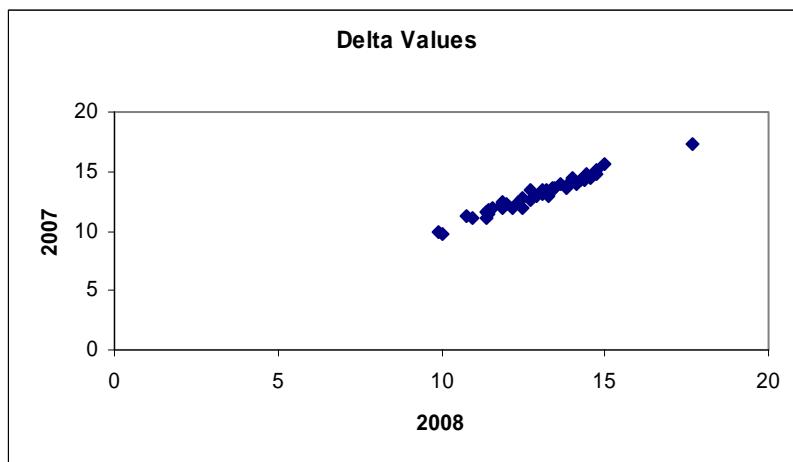
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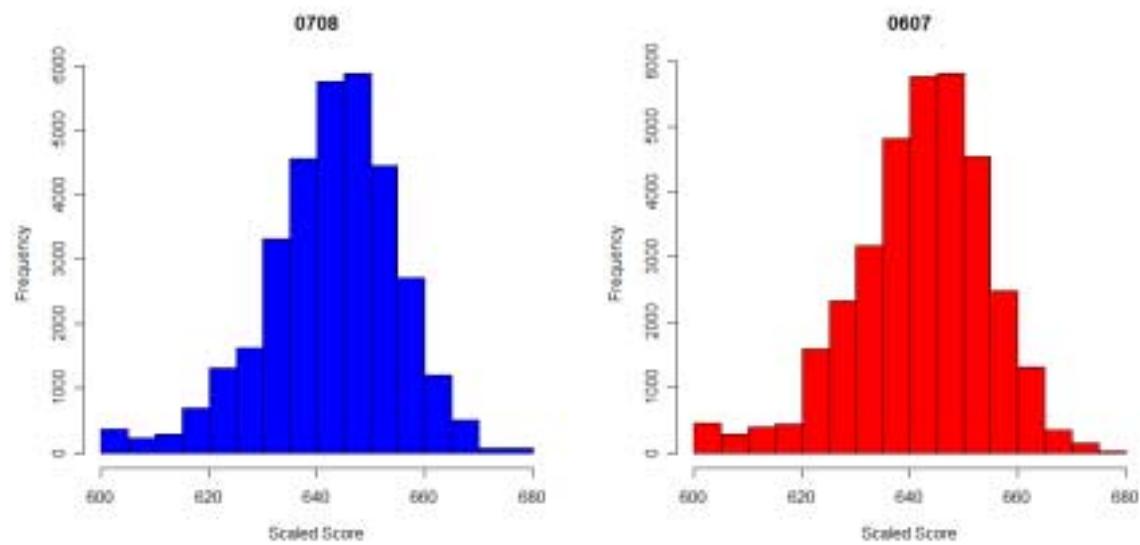
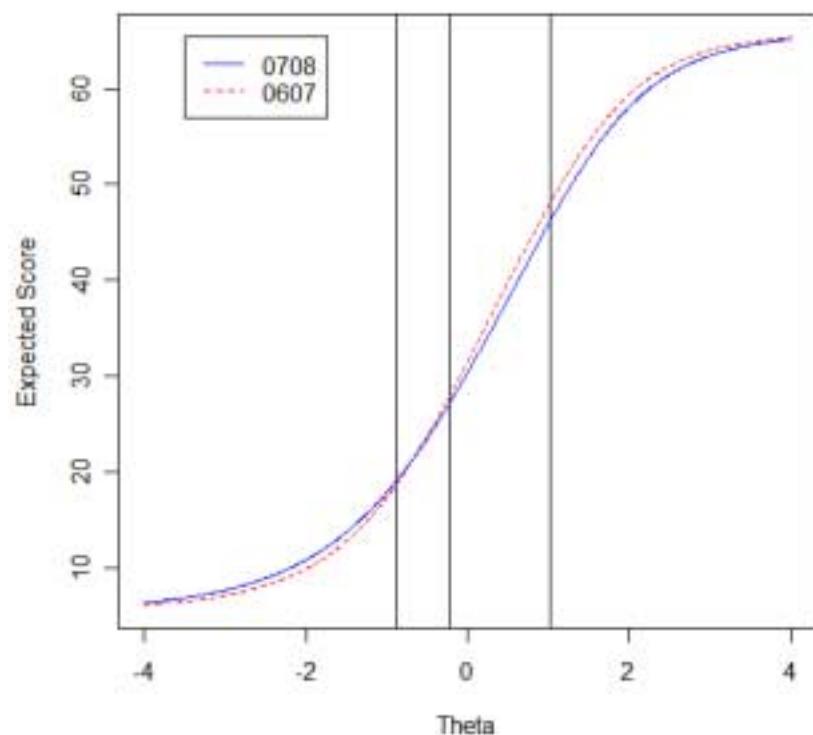
Math Grade 5

Raw	2008	2007	45	553	551
0	500	500	46	553	552
1	500	500	47	555	552
2	500	500	48	555	553
3	500	500	49	556	553
4	500	500	50	557	555
5	500	500	51	558	555
6	500	503	52	559	556
7	505	510	53	560	557
8	511	514	54	561	558
9	515	517	55	562	559
10	518	520	56	563	560
11	520	522	57	565	561
12	522	523	58	566	562
13	524	525	59	568	564
14	526	526	60	569	565
15	527	528	61	571	567
16	528	529	62	574	570
17	530	530	63	576	573
18	531	531	64	580	577
19	532	532	65	580	580
20	532	533	66	580	580
21	534	534			
22	535	535			
23	536	536			
24	537	537			
25	538	537			
26	539	538			
27	539	539			
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37	547	546			
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39	549	547			
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MATH GRADE 06
EQUATING ITEM EVALUATION



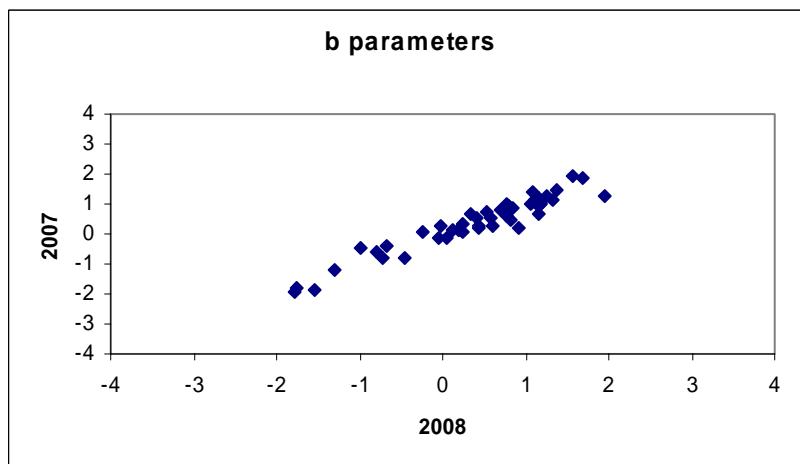
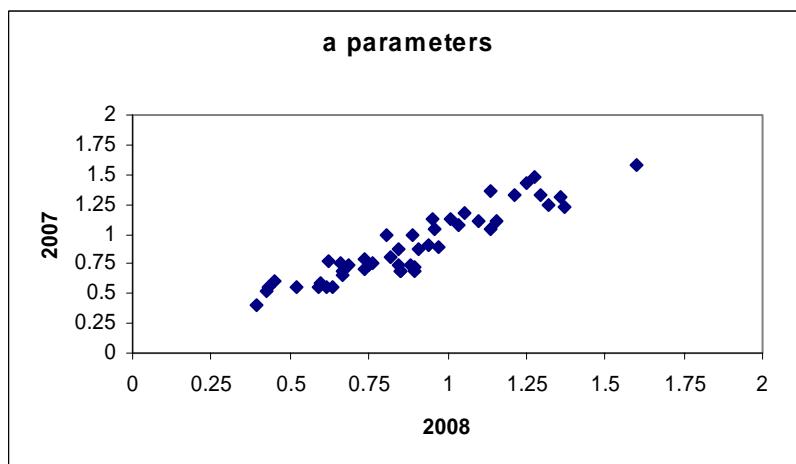
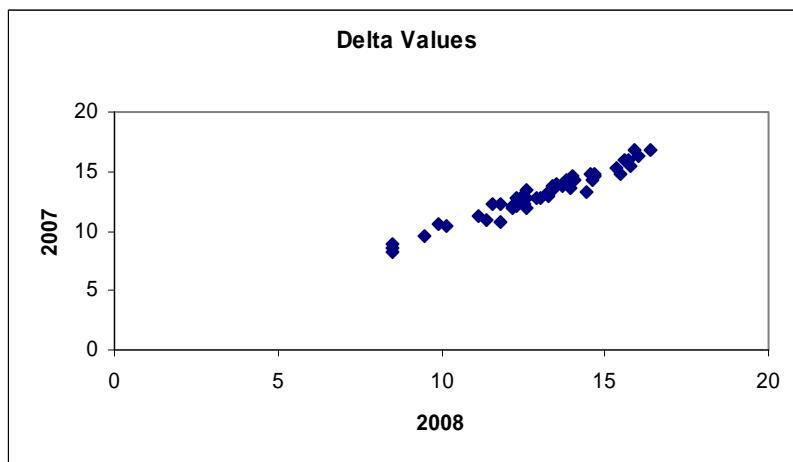
TCCs



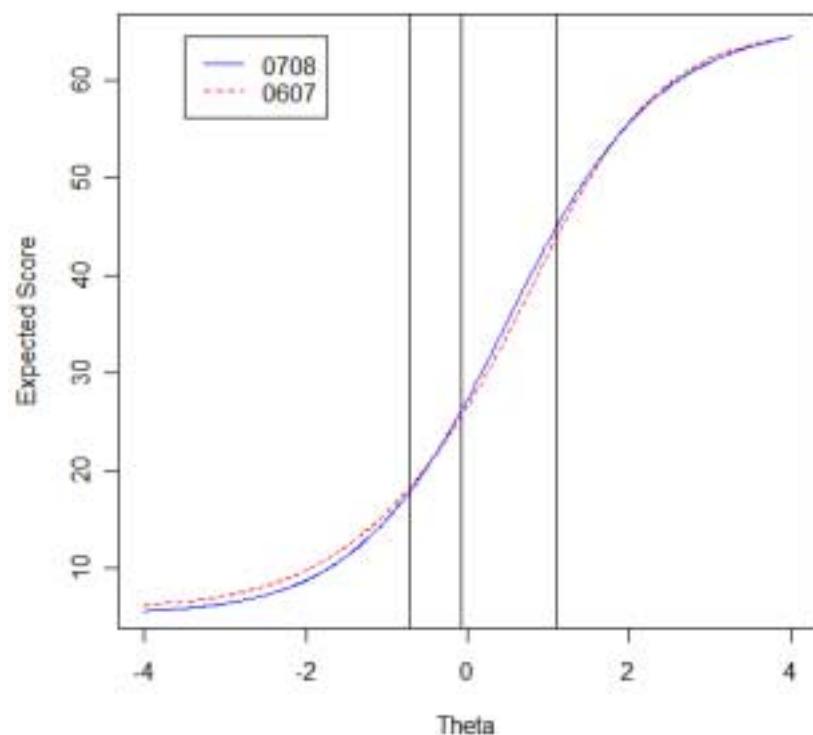
Math Grade 6

Raw	2008	2007	45	652	651
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1	600	600	47	654	652
2	600	600	48	655	652
3	600	600	49	655	654
4	600	600	50	656	655
5	600	600	51	657	655
6	600	600	52	658	656
7	606	609	53	658	657
8	612	615	54	659	658
9	616	619	55	660	659
10	619	621	56	661	660
11	621	623	57	662	661
12	623	625	58	663	662
13	625	627	59	665	663
14	627	628	60	666	665
15	628	629	61	668	666
16	630	630	62	670	668
17	631	631	63	673	671
18	632	632	64	677	674
19	632	633	65	680	680
20	634	634	66	680	680
21	635	635			
22	636	636			
23	637	636			
24	637	637			
25	638	638			
26	639	639			
27	639	639			
28	641	640			
29	641	641			
30	642	641			
31	643	642			
32	644	643			
33	644	643			
34	645	644			
35	646	645			
36	646	645			
37	647	646			
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44	652	650			

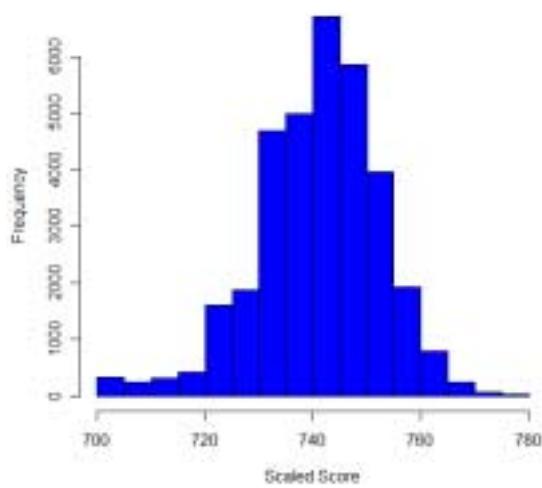
MATH GRADE 07
EQUATING ITEM EVALUATION



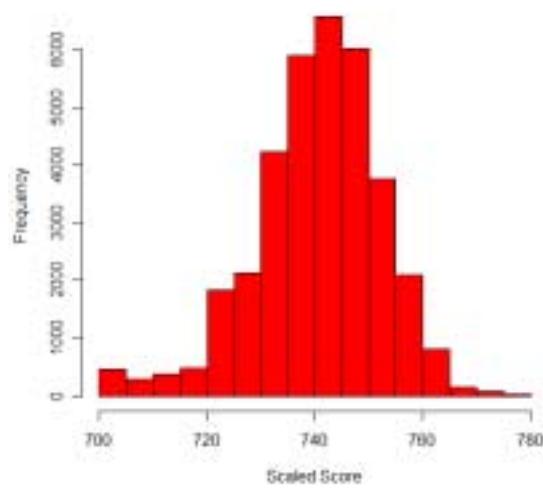
TCCs



0708



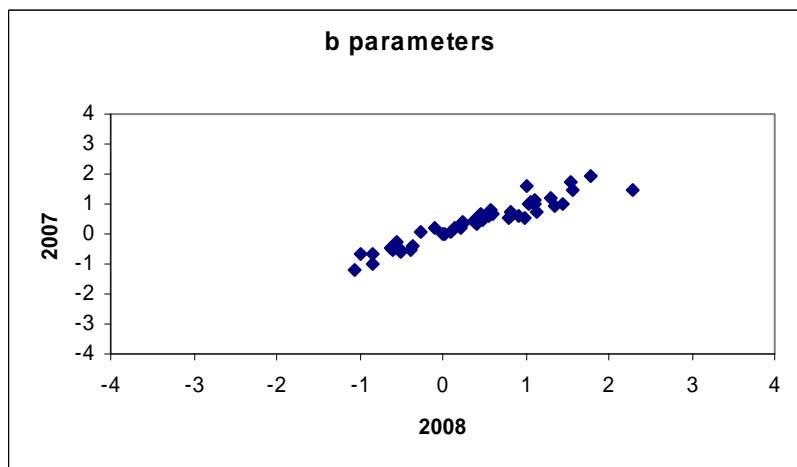
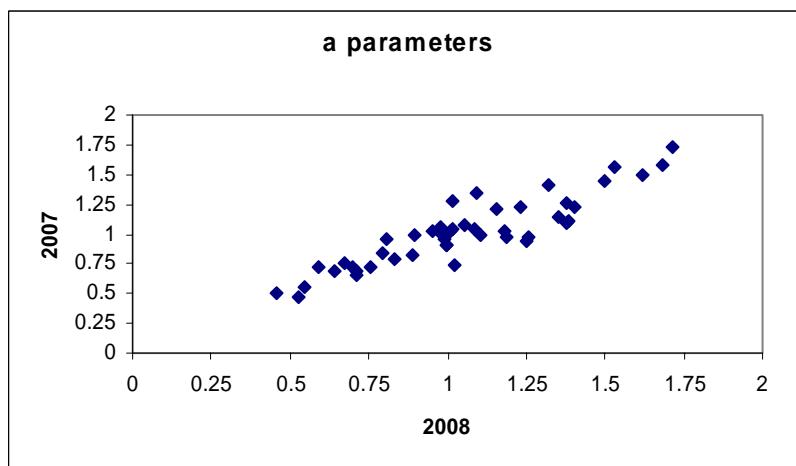
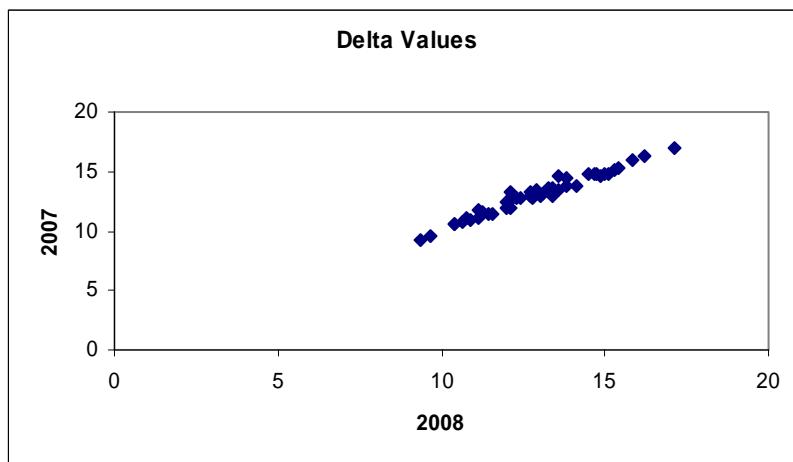
0607



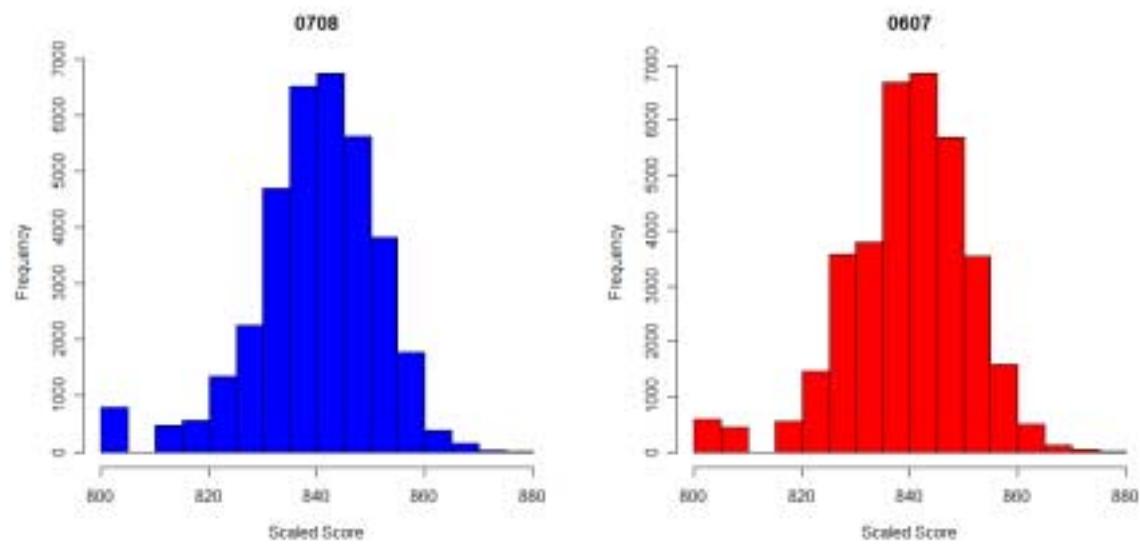
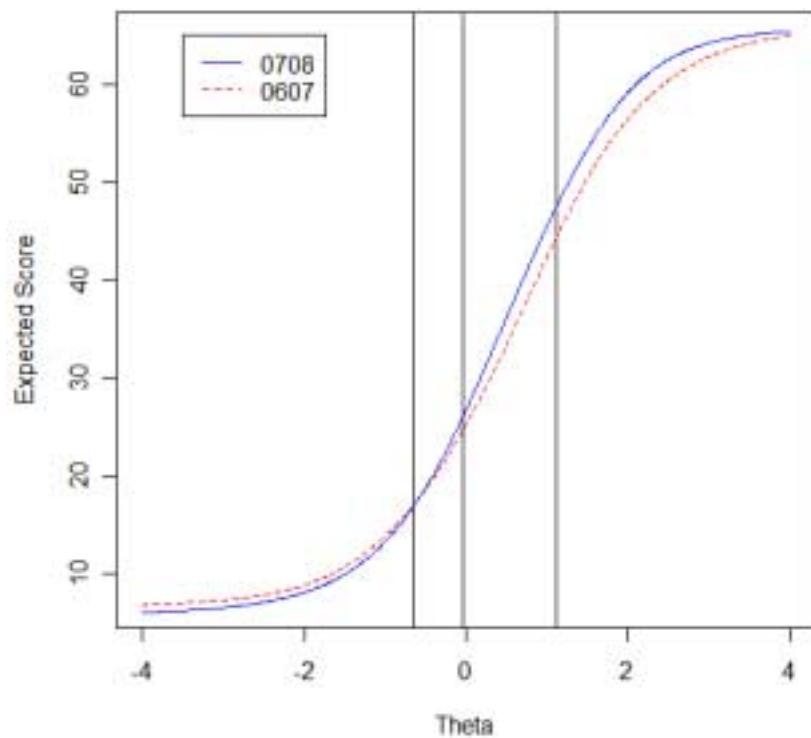
Math Grade 7

Raw	2008	2007	45	752	753
0	700	700	46	753	753
1	700	700	47	754	754
2	700	700	48	754	755
3	700	700	49	755	756
4	700	700	50	756	756
5	700	700	51	757	757
6	707	700	52	758	758
7	714	709	53	759	759
8	718	715	54	760	760
9	721	718	55	761	761
10	723	721	56	762	762
11	725	723	57	763	763
12	727	725	58	764	764
13	728	727	59	766	765
14	729	728	60	768	767
15	731	730	61	770	769
16	732	731	62	772	771
17	733	732	63	775	774
18	734	733	64	779	779
19	735	734	65	780	780
20	735	735	66	780	780
21	736	736			
22	737	737			
23	738	738			
24	739	739			
25	739	739			
26	739	740			
27	741	741			
28	741	742			
29	742	743			
30	743	743			
31	743	744			
32	744	745			
33	744	745			
34	745	746			
35	746	747			
36	746	747			
37	747	748			
38	748	748			
39	748	749			
40	749	750			
41	749	750			
42	750	751			
43	751	751			
44	751	752			

MATH GRADE 08
EQUATING ITEM EVALUATION



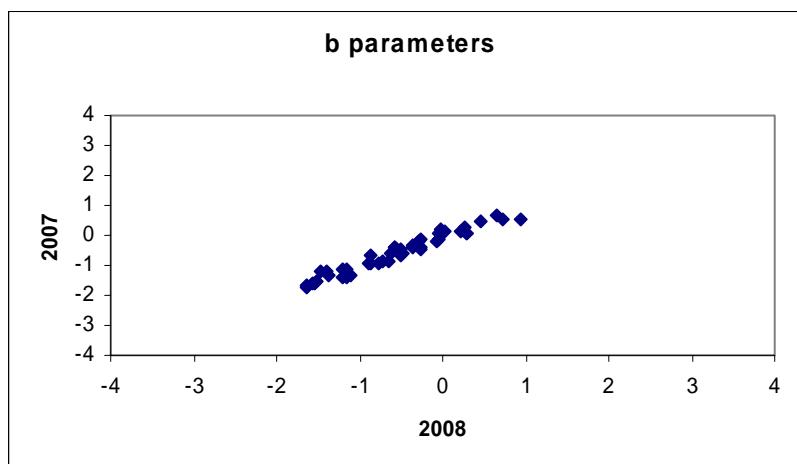
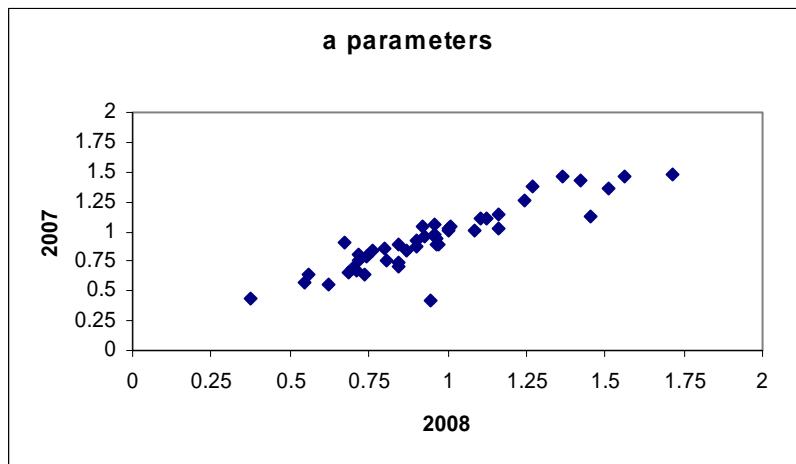
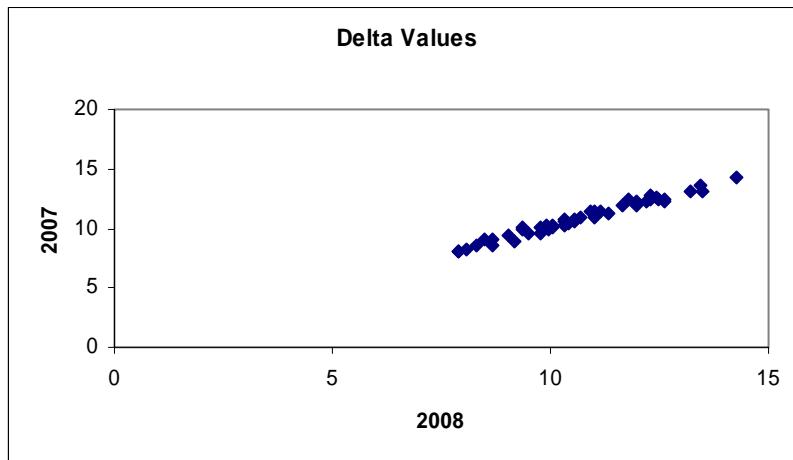
TCCs



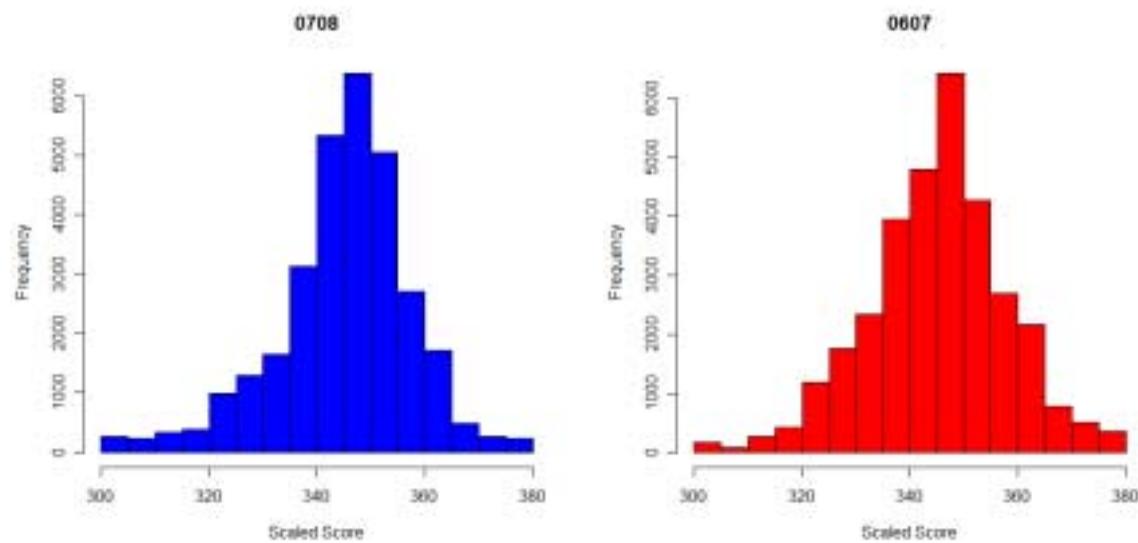
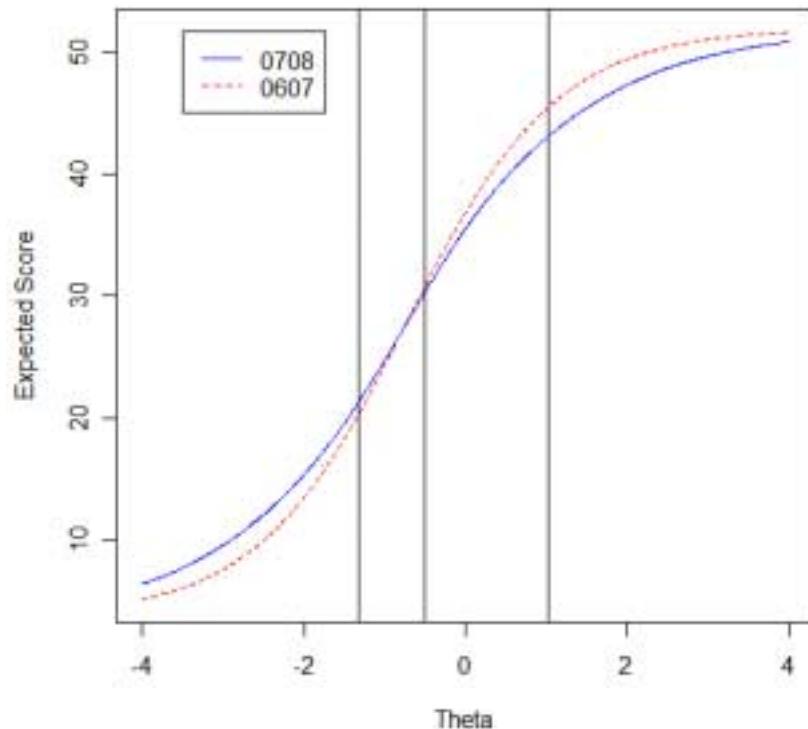
Math Grade 8

Raw	2008	2007	45	850	852
0	800	800	46	851	853
1	800	800	47	851	853
2	800	800	48	852	854
3	800	800	49	852	854
4	800	800	50	853	855
5	800	800	51	854	856
6	802	800	52	854	857
7	815	807	53	855	857
8	820	817	54	856	858
9	823	821	55	857	859
10	825	824	56	857	860
11	827	826	57	858	861
12	829	828	58	859	862
13	830	829	59	860	863
14	831	830	60	861	865
15	832	832	61	863	867
16	833	833	62	865	869
17	834	833	63	867	871
18	835	835	64	870	875
19	835	836	65	875	880
20	836	836	66	880	880
21	837	837			
22	837	838			
23	838	839			
24	839	839			
25	839	840			
26	839	841			
27	840	842			
28	841	842			
29	842	843			
30	842	843			
31	843	844			
32	843	845			
33	844	845			
34	844	846			
35	845	846			
36	845	847			
37	846	847			
38	846	848			
39	847	849			
40	847	849			
41	848	850			
42	848	850			
43	849	851			
44	850	851			

READING GRADE 03
EQUATING ITEM EVALUATION



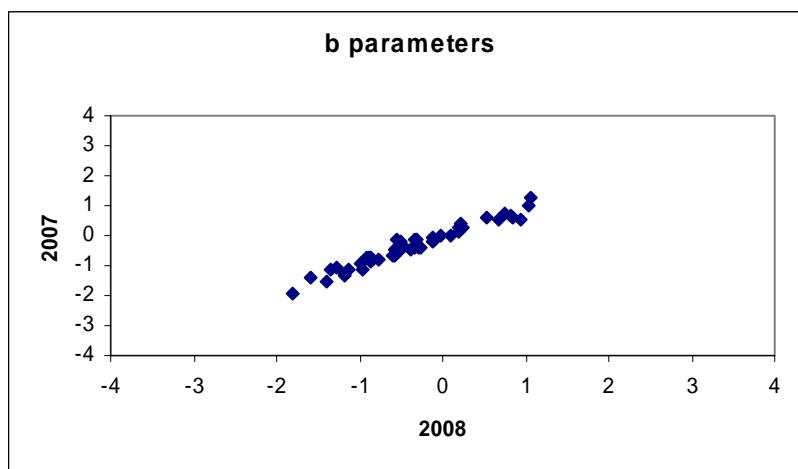
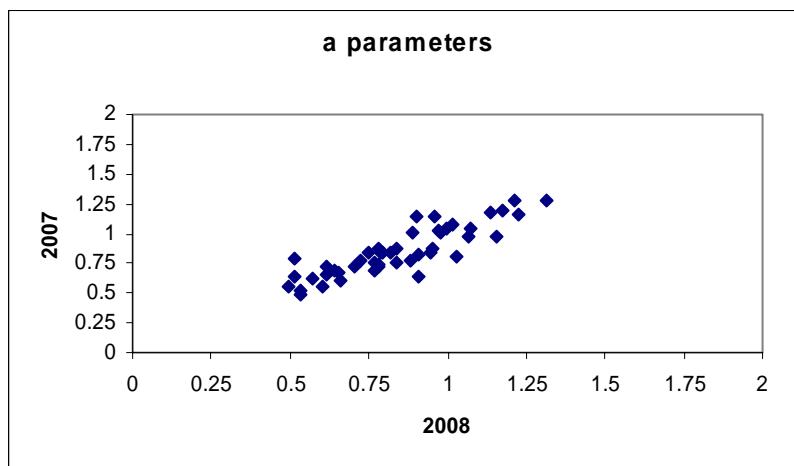
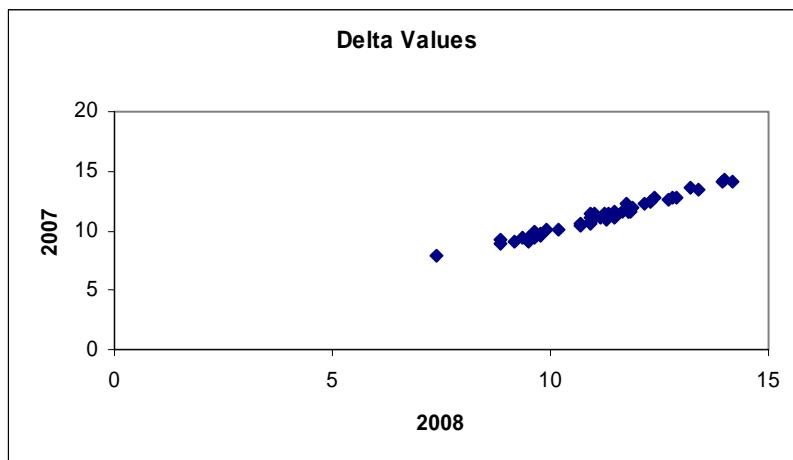
TCCs



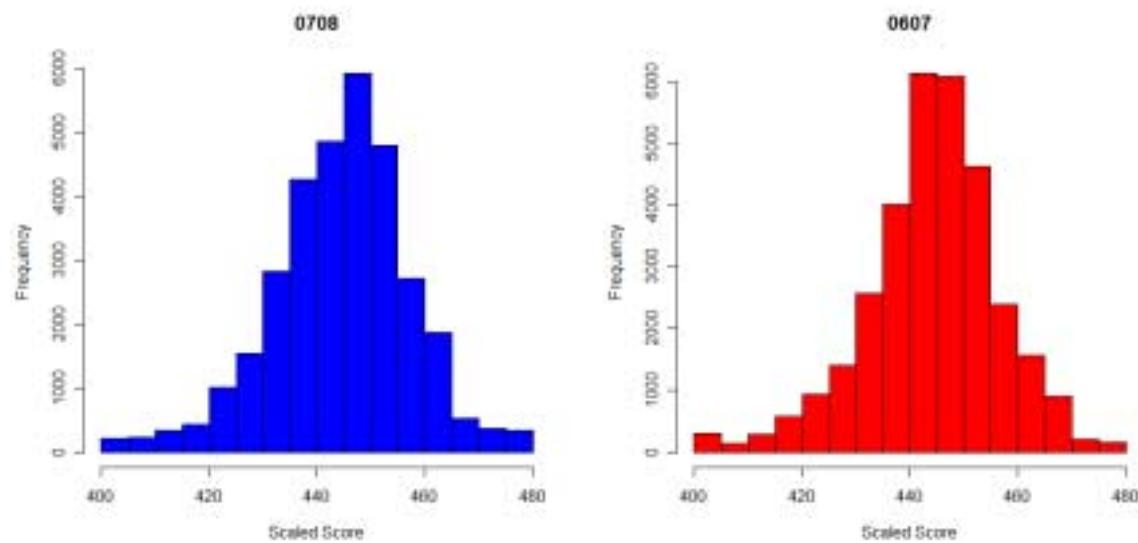
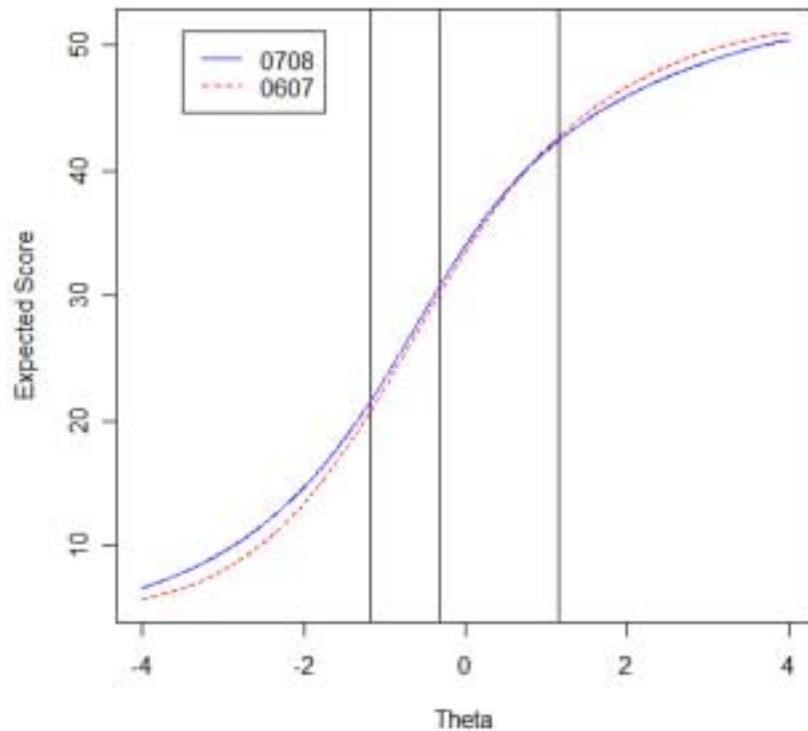
Reading Grade 3

Raw	2008	2007	45	362	356
0	300	300	46	364	358
1	300	300	47	367	361
2	300	300	48	371	363
3	300	300	49	376	367
4	300	300	50	380	372
5	300	300	51	380	380
6	300	305	52	380	380
7	303	309			
8	307	313			
9	310	315			
10	312	317			
11	315	319			
12	317	321			
13	319	322			
14	321	323			
15	322	325			
16	324	326			
17	325	327			
18	327	328			
19	328	329			
20	329	330			
21	330	331			
22	331	332			
23	332	333			
24	333	334			
25	335	335			
26	336	336			
27	337	337			
28	338	337			
29	339	338			
30	339	339			
31	341	340			
32	342	341			
33	343	342			
34	344	343			
35	345	344			
36	346	345			
37	348	346			
38	349	347			
39	350	348			
40	352	349			
41	353	350			
42	355	352			
43	356	353			
44	359	355			

READING GRADE 04
EQUATING ITEM EVALUATION

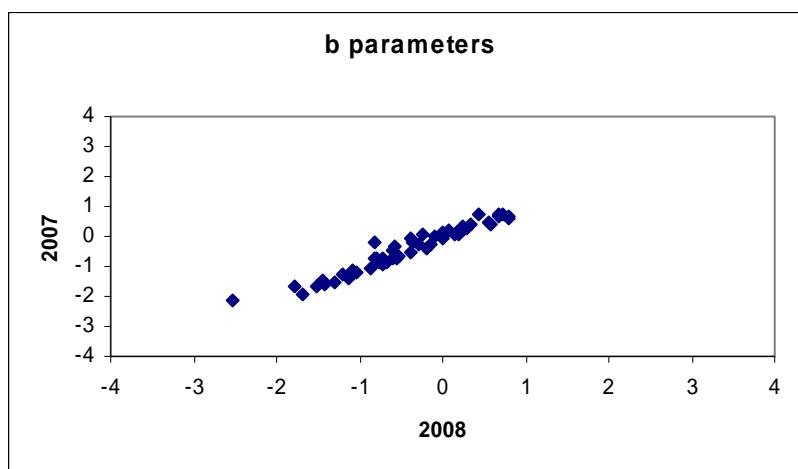
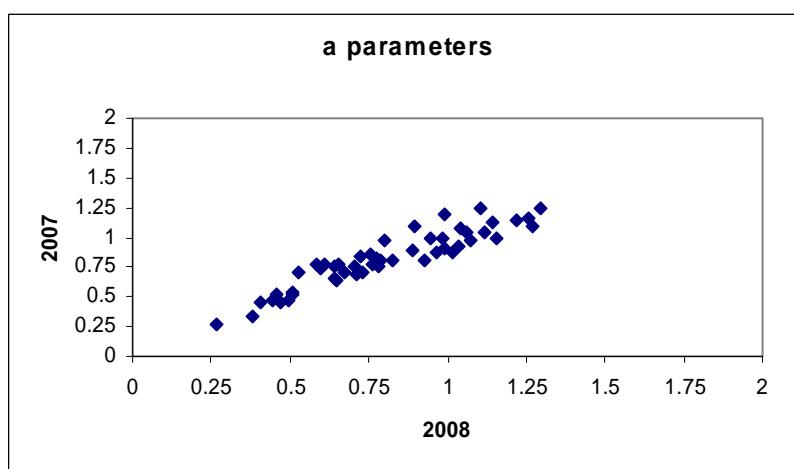
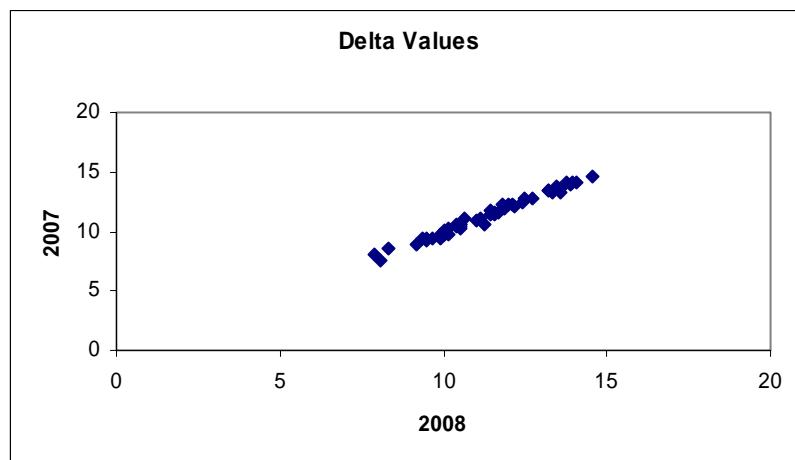


TCCs

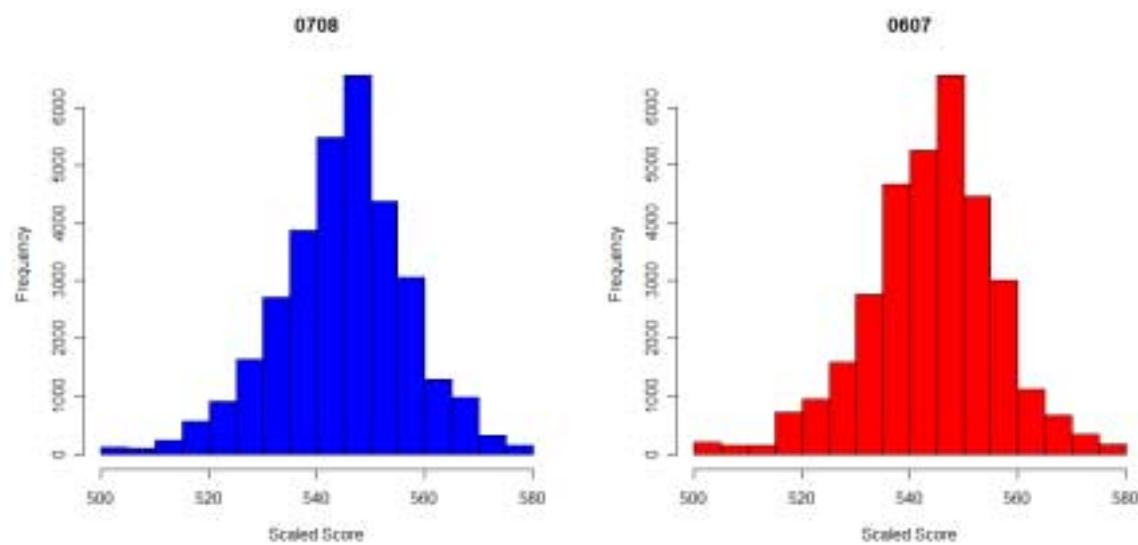
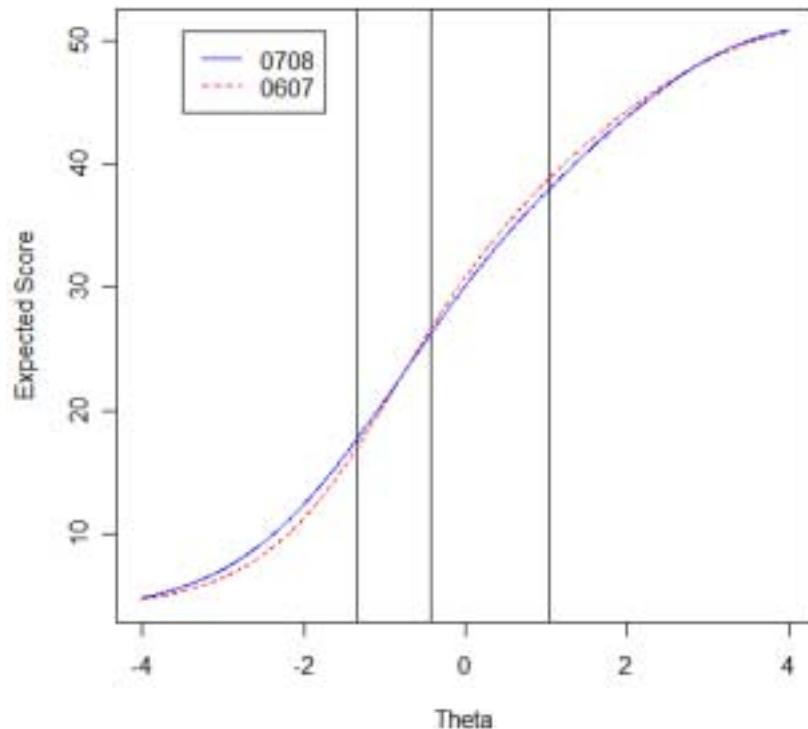


Reading Grade 4			45	462	461
Raw	2008	2007	46	465	463
0	400	400	47	469	466
1	400	400	48	473	469
2	400	400	49	477	473
3	400	400	50	480	478
4	400	400	51	480	480
5	400	400	52	480	480
6	400	402			
7	402	407			
8	406	411			
9	409	413			
10	412	416			
11	415	418			
12	417	419			
13	419	421			
14	421	423			
15	422	424			
16	424	425			
17	425	426			
18	426	428			
19	428	429			
20	429	430			
21	430	431			
22	431	432			
23	432	433			
24	433	434			
25	434	435			
26	435	436			
27	436	437			
28	437	438			
29	438	439			
30	439	439			
31	440	441			
32	441	442			
33	442	443			
34	443	444			
35	445	445			
36	446	446			
37	447	447			
38	448	449			
39	450	450			
40	451	452			
41	453	453			
42	455	455			
43	457	457			
44	460	458			

READING GRADE 05
EQUATING ITEM EVALUATION

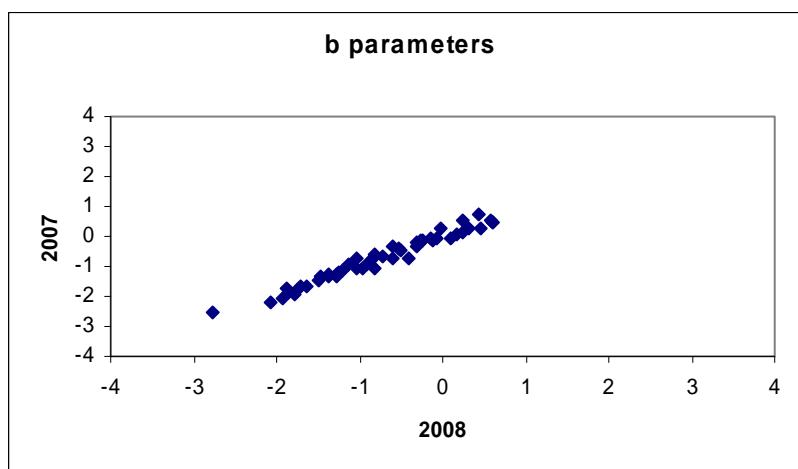
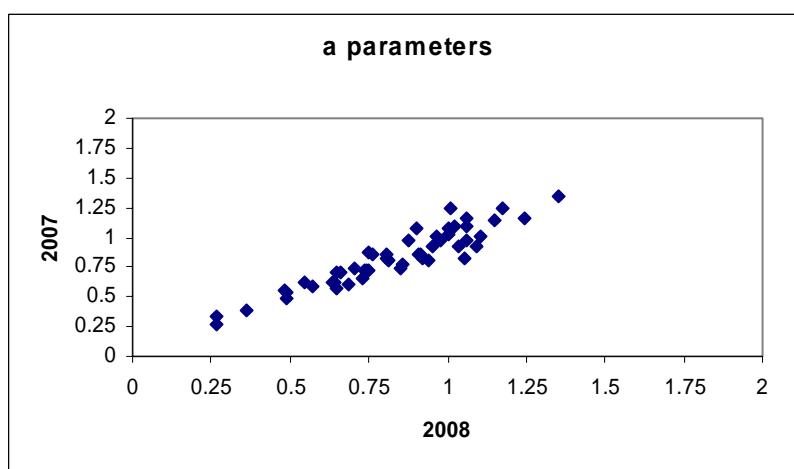
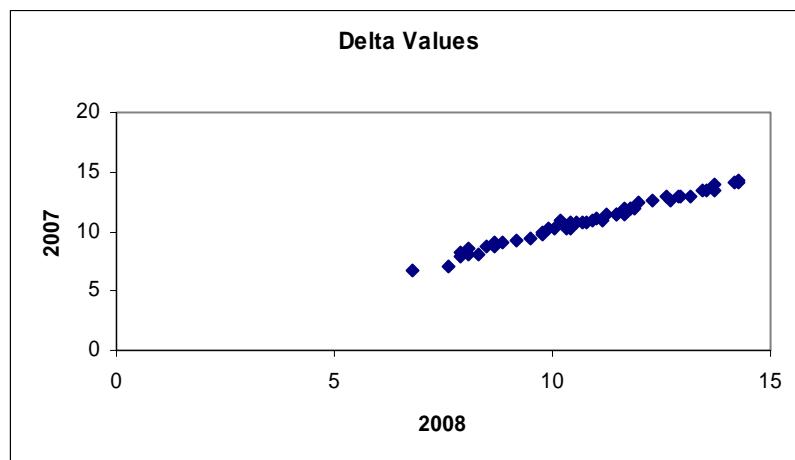


TCCs

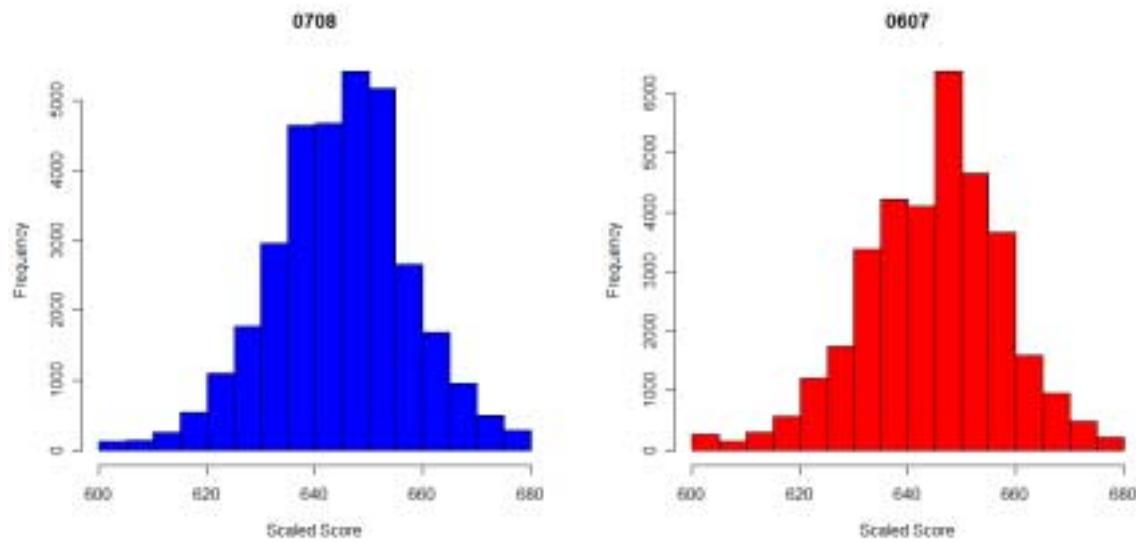
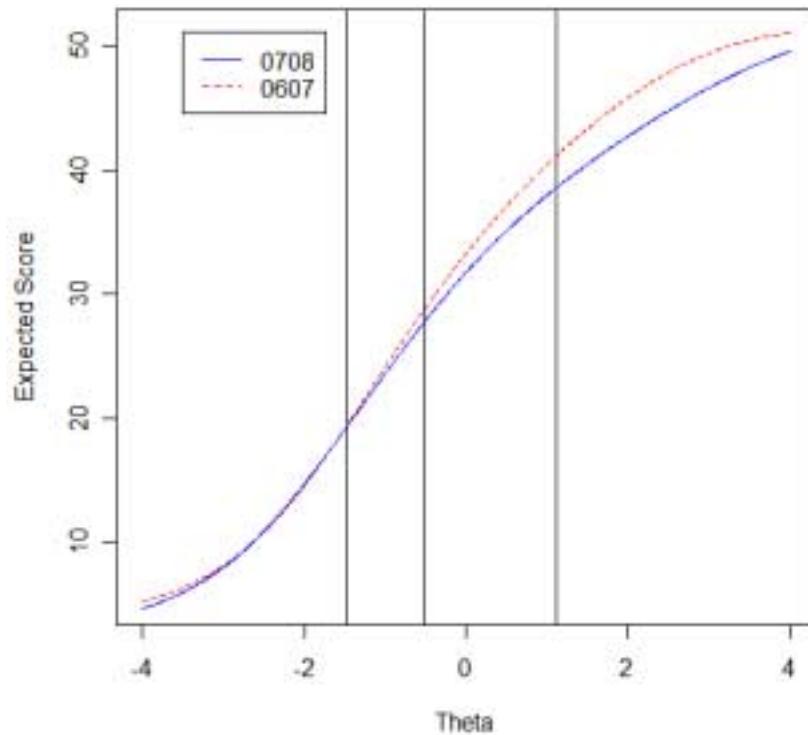


Reading Grade 5			45	570	569
Raw	2008	2007	46	572	571
0	500	500	47	574	574
1	500	500	48	577	577
2	500	500	49	580	580
3	500	500	50	580	580
4	500	500	51	580	580
5	502	503	52	580	580
6	507	509			
7	511	513			
8	514	516			
9	516	518			
10	518	520			
11	520	522			
12	522	524			
13	523	525			
14	525	526			
15	526	527			
16	528	529			
17	529	529			
18	530	531			
19	531	532			
20	533	533			
21	534	534			
22	535	535			
23	536	536			
24	537	537			
25	539	538			
26	539	539			
27	541	540			
28	542	542			
29	543	543			
30	545	544			
31	546	545			
32	547	546			
33	549	548			
34	550	549			
35	552	550			
36	553	552			
37	555	553			
38	557	555			
39	558	557			
40	560	559			
41	562	560			
42	564	562			
43	566	564			
44	568	567			

READING GRADE 06
EQUATING ITEM EVALUATION

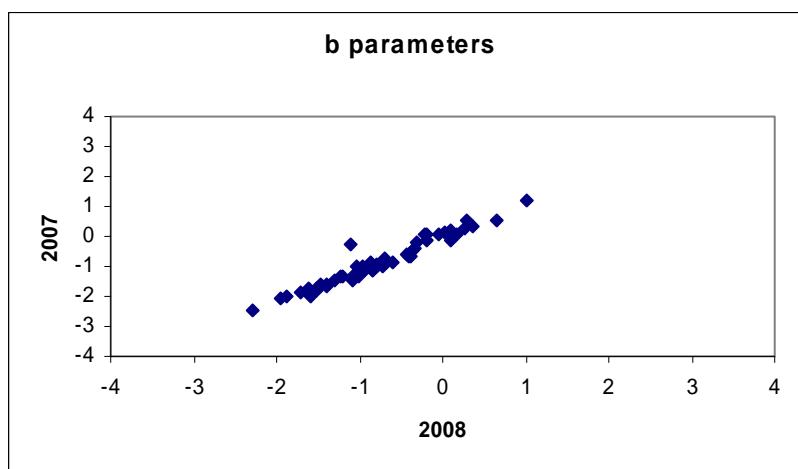
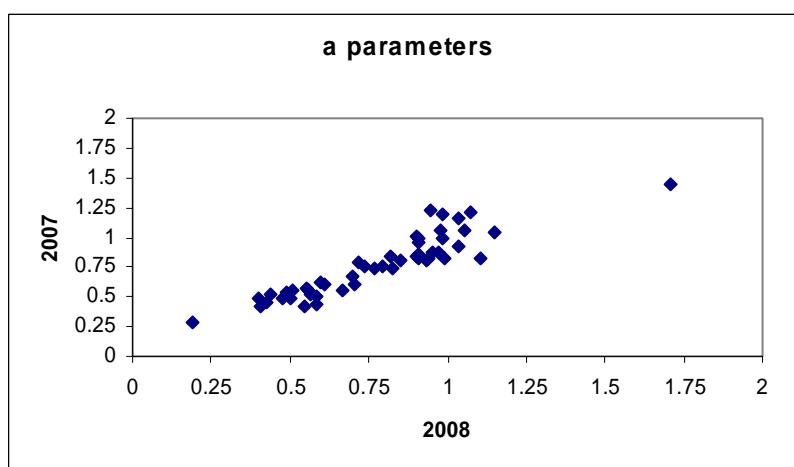
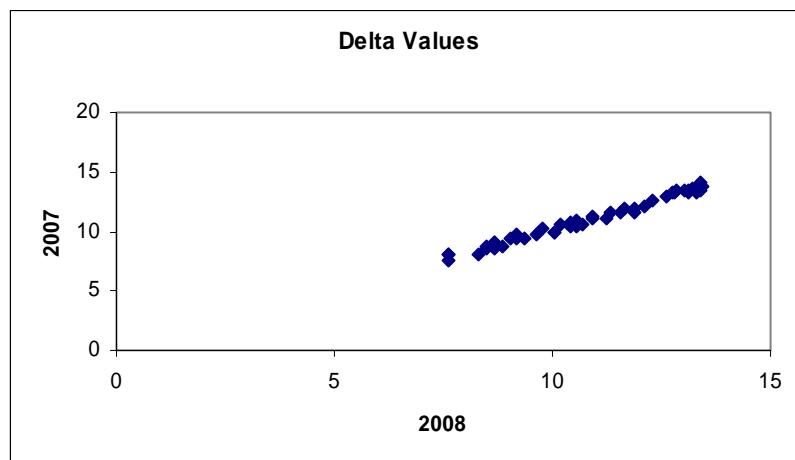


TCCs

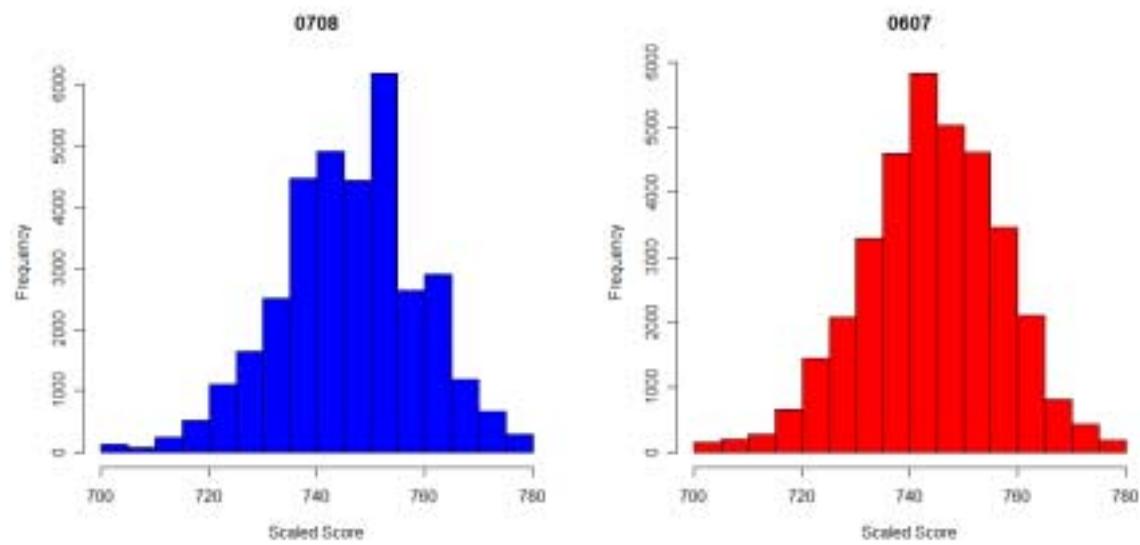
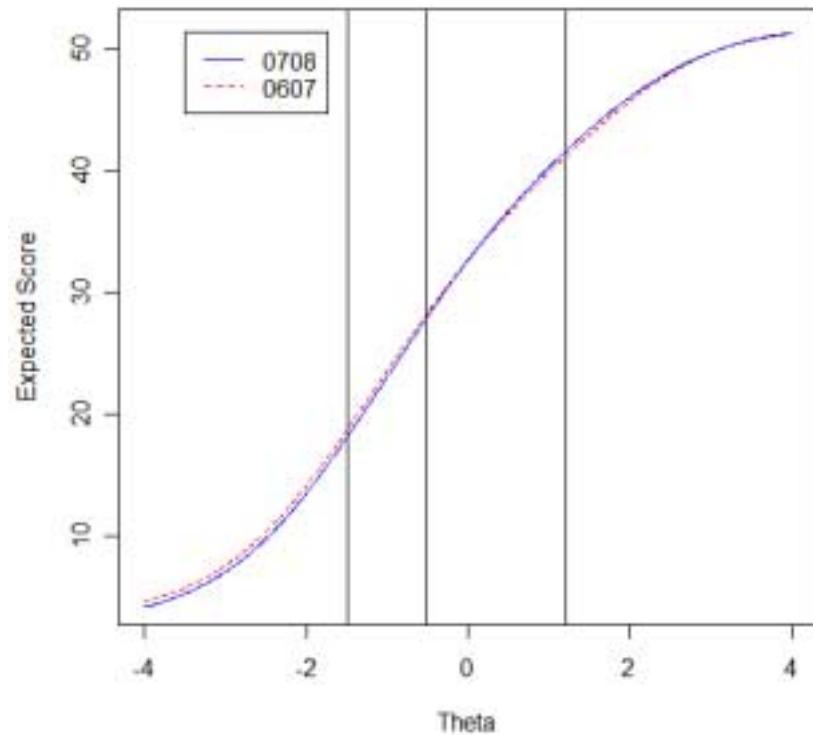


Reading Grade 6			45	675	667
Raw	2008	2007	46	678	669
0	600	600	47	680	672
1	600	600	48	680	675
2	600	600	49	680	679
3	600	600	50	680	680
4	600	600	51	680	680
5	602	600	52	680	680
6	606	604			
7	609	608			
8	611	611			
9	614	614			
10	616	616			
11	617	617			
12	619	619			
13	621	621			
14	622	622			
15	623	624			
16	625	625			
17	626	626			
18	627	627			
19	628	628			
20	630	630			
21	631	631			
22	632	632			
23	634	633			
24	635	634			
25	636	635			
26	638	637			
27	639	638			
28	640	639			
29	642	640			
30	643	642			
31	645	643			
32	646	644			
33	648	646			
34	650	647			
35	651	648			
36	653	650			
37	655	652			
38	657	653			
39	660	655			
40	662	657			
41	664	658			
42	667	660			
43	670	662			
44	672	665			

READING GRADE 07
EQUATING ITEM EVALUATION

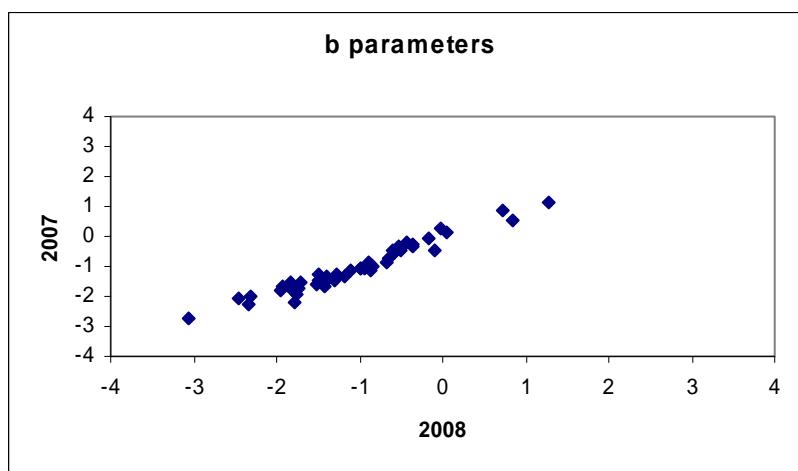
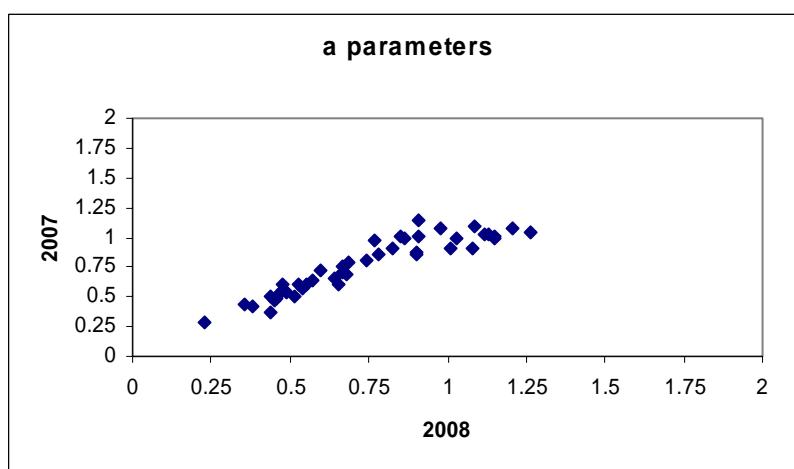
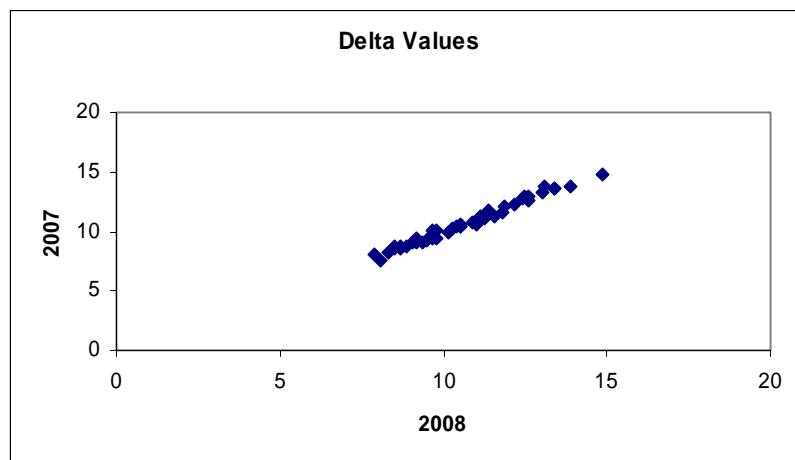


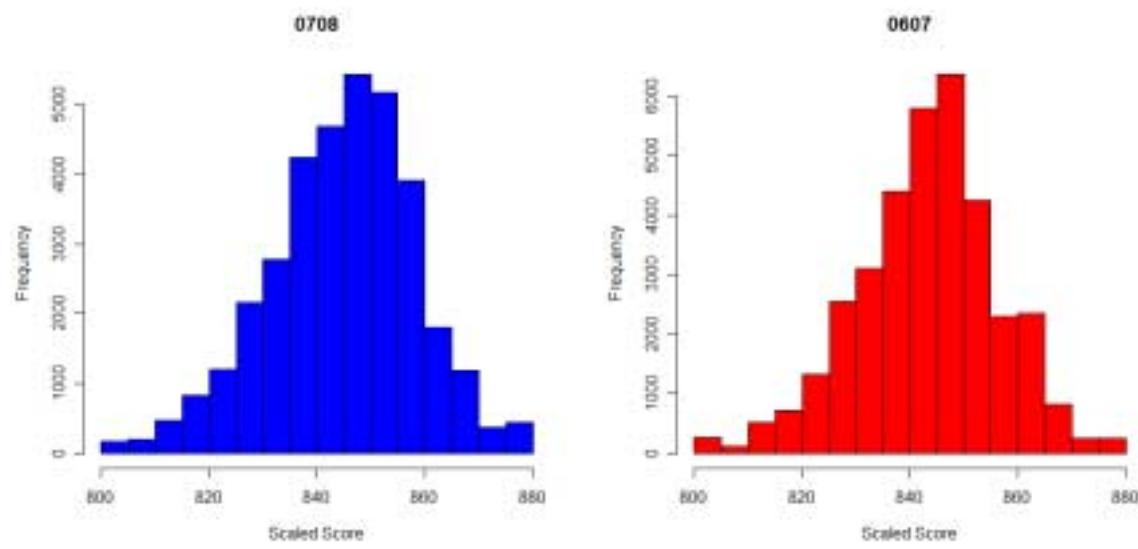
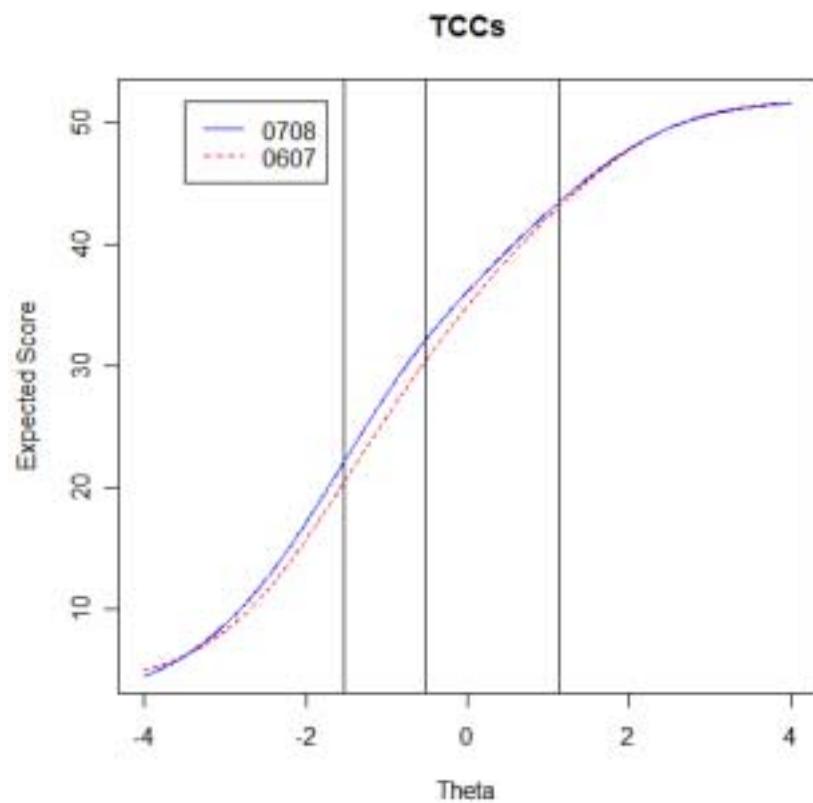
TCCs



Reading Grade 7			45	767	768
Raw	2008	2007	46	769	770
0	700	700	47	772	772
1	700	700	48	774	775
2	700	700	49	778	778
3	700	700	50	780	780
4	700	700	51	780	780
5	704	702	52	780	780
6	708	707			
7	711	710			
8	714	712			
9	716	715			
10	718	717			
11	719	718			
12	721	720			
13	722	721			
14	724	723			
15	725	724			
16	726	725			
17	727	727			
18	728	728			
19	730	729			
20	731	730			
21	732	731			
22	733	733			
23	734	734			
24	736	735			
25	737	736			
26	738	737			
27	739	739			
28	740	739			
29	741	741			
30	743	742			
31	744	744			
32	745	745			
33	746	746			
34	748	748			
35	749	749			
36	751	751			
37	752	753			
38	754	754			
39	755	756			
40	757	758			
41	759	759			
42	761	761			
43	763	763			
44	765	765			

READING GRADE 08
EQUATING ITEM EVALUATION





Reading Grade 8

Raw	2008	2007	45	862	863
0	800	800	46	864	865
1	800	800	47	867	867
2	800	800	48	869	870
3	800	800	49	873	873
4	800	800	50	877	876
5	802	800	51	880	880
6	805	805	52	880	880
7	808	808			
8	810	811			
9	812	813			
10	814	815			
11	815	817			
12	817	818			
13	818	819			
14	819	821			
15	820	822			
16	822	823			
17	823	824			
18	824	826			
19	825	827			
20	826	827			
21	827	829			
22	827	830			
23	829	831			
24	830	832			
25	831	833			
26	833	835			
27	834	836			
28	835	837			
29	836	838			
30	837	839			
31	838	841			
32	839	842			
33	841	843			
34	843	845			
35	844	846			
36	846	847			
37	847	849			
38	849	850			
39	851	852			
40	853	854			
41	854	855			
42	856	857			
43	858	858			
44	860	861			

SECTION II.B

NECAP
Rescore Analysis Results

NECAP

Rescore Analysis Results

For Mathematics and Reading, a rescore analysis was conducted to evaluate potential constructed-response equating items. For each potential equating item, a sample of approximately 200 papers from the 2007-08 test was randomly selected and rescored by this year's scorers. The scores for the two years were compared, and any items found to have a large difference between the average scores would be excluded as equating items.

The results of the rescore analysis are shown in the tables below. As can be seen in the tables, no constructed-response items were excluded for use as equating items as a result of the rescore analysis.

MATH GRADE 3								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
201754	2	1.3676	1.3873	0.6839	0.6583	0.0287	0.0196	NO
198517	2	1.4341	1.4634	0.7662	0.7618	0.0382	0.0293	NO
202089	2	0.9507	0.9458	0.9508	0.9427	-0.0052	0.0049	NO
231017	2	0.7073	0.7561	0.5693	0.6317	0.0857	0.0488	NO
227127	2	0.8537	0.8927	0.7379	0.738	0.0529	0.039	NO
223923	2	0.7304	0.7402	0.7988	0.8379	0.0123	0.0098	NO
198636	2	1.3805	1.3707	0.7065	0.7048	-0.0138	0.0098	NO
242779	2	0.9415	0.9756	0.9194	0.8968	0.0371	0.0341	NO
242782	2	1.3756	1.4634	0.7125	0.6735	0.1232	0.0878	NO
198521	2	1.0439	0.9854	0.874	0.8638	-0.067	0.0585	NO

MATH GRADE 4								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
232429	2	0.9854	1	0.9395	0.9318	0.0156	0.0146	NO
224096	2	0.9415	0.9707	0.8419	0.8199	0.0348	0.0293	NO
224099	2	1.5874	1.5874	0.7566	0.7566	0	0	NO
198442	2	1.1171	1.0976	0.8358	0.8441	-0.0233	0.0195	NO
202368	2	1.2573	1.1699	0.6586	0.7473	-0.1327	0.0874	NO
202489	2	1.299	1.2843	0.8188	0.809	-0.018	0.0147	NO
198431	2	0.7024	0.7512	0.817	0.8214	0.0597	0.0488	NO
227096	2	0.761	0.7707	0.8003	0.797	0.0122	0.0098	NO
202377	2	1.5268	1.4683	0.7428	0.7747	-0.0788	0.0585	NO
227082	2	1.3317	1.3317	0.5736	0.582	0	0	NO
227082	2	1.3317	1.3317	0.5736	0.582	0	0	NO

MATH GRADE 5								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
234368	2	1.0196	0.9853	0.8798	0.9366	-0.039	0.0343	NO
241932	4	1.7892	1.8186	1.4685	1.5183	0.02	0.0294	NO
203949	2	0.6585	0.6537	0.778	0.7976	-0.0063	0.0049	NO
225025	2	0.8209	0.8308	0.8568	0.8646	0.0116	0.01	NO
230748	4	0.9055	0.9502	1.2681	1.2726	0.0353	0.0448	NO
198603	2	1.2956	1.3498	0.8371	0.819	0.0647	0.0542	NO
225453	4	1.2709	1.33	1.1954	1.2134	0.0494	0.0591	NO
225346	2	1.1078	1.1029	0.8956	0.8989	-0.0055	0.0049	NO
225028	4	1.5025	1.4926	1.4934	1.526	-0.0066	0.0099	NO
225389	2	0.6158	0.5567	0.7879	0.7819	-0.075	0.0591	NO
225389	2	0.6158	0.5567	0.7879	0.7819	-0.075	0.0591	NO

MATH GRADE 6								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
198727	2	0.5833	0.598	0.7592	0.7574	0.0194	0.0147	NO
234406	2	1.2195	1.2049	0.7812	0.7945	-0.0187	0.0146	NO
234417	4	1.7794	1.6667	1.7194	1.691	-0.0656	0.1127	NO
198632	2	0.8137	0.7941	0.8937	0.8838	-0.0219	0.0196	NO
225381	4	1.2976	1.3756	1.3913	1.4484	0.0561	0.078	NO
198716	2	0.8916	0.9015	0.7005	0.6878	0.0141	0.0099	NO
225334	4	1.7171	1.5659	1.4842	1.4855	-0.1019	0.1512	NO
233588	4	1.4412	1.4118	1.3867	1.3674	-0.0212	0.0294	NO
203279	2	1.4585	1.4195	0.8112	0.8083	-0.0481	0.039	NO
198726	2	0.8146	0.7854	0.9078	0.9175	-0.0322	0.0293	NO

MATH GRADE 7								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
224856	2	0.5294	0.4902	0.8484	0.8194	-0.0462	0.0392	NO
224876	4	0.8676	0.8971	1.3602	1.3912	0.0216	0.0294	NO
206195	4	2.0683	2.0976	1.6395	1.6469	0.0179	0.0293	NO
206213	2	1.0296	0.9507	0.9307	0.9245	-0.0847	0.0788	NO
206127	4	1.5833	1.652	1.0972	1.1296	0.0625	0.0686	NO
206127	4	1.5833	1.652	1.0972	1.1296	0.0625	0.0686	NO
206152	2	0.3073	0.3366	0.5394	0.575	0.0543	0.0293	NO
234455	2	0.561	0.5707	0.6028	0.6256	0.0162	0.0098	NO
234455	2	0.561	0.5707	0.6028	0.6256	0.0162	0.0098	NO
225135	2	0.722	0.6488	0.8239	0.8166	-0.0888	0.0732	NO
206189	2	0.9559	0.8627	0.8928	0.8916	-0.1043	0.0931	NO
206189	2	0.9559	0.8627	0.8928	0.8916	-0.1043	0.0931	NO
224924	4	1.2976	1.2634	1.2704	1.2874	-0.0269	0.0341	NO

MATH GRADE 8								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
199783	2	0.6049	0.6878	0.5631	0.5588	0.1473	0.0829	NO
233609	4	1.2451	1.2402	0.9439	0.9373	-0.0052	0.0049	NO
206245	4	1.0829	1.0439	1.3608	1.304	-0.0287	0.039	NO
234148	2	0.6878	0.678	0.6478	0.6353	-0.0151	0.0098	NO
199747	2	0.3122	0.4146	0.5927	0.6543	0.1728	0.1024	NO
206240	2	1.2562	1.2857	0.8785	0.8862	0.0336	0.0296	NO
206240	2	1.2562	1.2857	0.8785	0.8862	0.0336	0.0296	NO
206331	4	2.0537	1.961	1.14	1.1554	-0.0813	0.0927	NO
233719	2	1.3805	1.3659	0.8391	0.8368	-0.0174	0.0146	NO
233719	2	1.3805	1.3659	0.8391	0.8368	-0.0174	0.0146	NO
260926	4	1.3088	1.3333	1.1323	1.1827	0.0216	0.0245	NO
260926	4	1.3088	1.3333	1.1323	1.1827	0.0216	0.0245	NO
199780	2	1.0293	1.1659	0.8259	0.7726	0.1654	0.1366	NO

READING GRADE 3								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
205940	4	2.3268	2.2829	1.2119	1.2329	-0.0362	0.0439	NO
230980	4	1.6275	1.549	1.0565	1.1257	-0.0742	0.0784	NO
230973	4	1.8098	1.8634	0.9965	1.0869	0.0538	0.0537	NO
255338	4	3.1024	3.0439	1.3808	1.3733	-0.0424	0.0585	NO
255336	4	2.039	2.2146	1.2449	1.2426	0.1411	0.1756	NO
201764	4	2.2146	2.2634	1.3225	1.3754	0.0369	0.0488	NO
225242	4	3.478	3.5122	0.9137	0.8645	0.0374	0.0341	NO
225253	4	2.0343	1.9608	1.1219	1.1107	-0.0655	0.0735	NO

READING GRADE 4								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
200843	4	2.0098	2.3578	1.372	1.4018	0.2537	0.348	NO
225776	4	2.1902	2.2098	0.9515	1.0169	0.0205	0.0195	NO
225778	4	1.4878	1.4732	0.9505	1.0663	-0.0154	0.0146	NO
203810	4	2.761	2.7463	1.2674	1.2353	-0.0115	0.0146	NO
232528	4	2.6341	2.5659	1.5548	1.6295	-0.0439	0.0683	NO
203873	4	2.6078	2.5343	0.9768	0.9771	-0.0753	0.0735	NO
232595	4	2.1512	2.2488	1.032	1.0599	0.0945	0.0976	NO
203768	4	1.4341	1.5659	1.0601	1.1095	0.1242	0.1317	NO

READING GRADE 5								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
201937	4	1.6585	1.7902	1.0594	0.9525	0.1243	0.1317	NO
202072	4	1.5463	1.6146	0.9495	0.9842	0.0719	0.0683	NO
202075	4	1.7206	1.6765	0.8719	0.9305	-0.0506	0.0441	NO
201769	4	1.8818	1.7783	1.1123	1.0147	-0.093	0.1034	NO
256415	4	1.5266	1.6135	0.9721	0.9456	0.0895	0.087	NO
256370	4	1.6098	1.561	0.9127	0.8793	-0.0534	0.0488	NO
201911	4	1.6502	1.8128	0.9047	0.9121	0.1797	0.1626	NO
226515	4	1.3202	1.2956	0.9474	0.9371	-0.026	0.0246	NO
226517	4	1.5805	1.5805	0.9726	0.8721	0	0	NO

READING GRADE 6								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
226669	4	1.8571	1.6847	0.7905	0.7422	-0.2181	0.1724	NO
204294	4	1.5025	1.4286	0.9994	0.9616	-0.0739	0.0739	NO
204298	4	1.5074	1.532	1.0615	1.0376	0.0232	0.0246	NO
200348	4	1.9655	1.8966	1.08	0.9696	-0.0639	0.069	NO
204026	4	1.9388	1.8061	0.849	0.7581	-0.1563	0.1327	NO
204022	4	1.7941	1.7353	0.9003	0.8334	-0.0653	0.0588	NO
256347	4	1.6634	1.6829	0.9312	0.7535	0.021	0.0195	NO
226730	4	1.9212	1.6601	1.014	0.9193	-0.2575	0.2611	NO
226735	4	1.5854	1.5805	0.997	0.8665	-0.0049	0.0049	NO

READING GRADE 7								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
201535	4	1.8333	1.951	0.9608	0.9889	0.1224	0.1176	NO
199609	4	1.7317	1.7268	0.9059	0.8285	-0.0054	0.0049	NO
199608	4	1.8732	1.9366	1.0516	1.0269	0.0603	0.0634	NO
256108	4	1.6488	1.8439	1.0376	1.0569	0.188	0.1951	NO
199535	4	1.8829	1.7756	0.8812	0.8195	-0.1218	0.1073	NO
199536	4	1.9659	2.0927	0.891	0.8646	0.1423	0.1268	NO
199569	4	2.0539	2.1618	0.8867	0.8902	0.1216	0.1078	NO
201492	4	1.7931	1.8522	0.9606	0.9085	0.0615	0.0591	NO
201490	4	1.9415	2.1073	0.9141	0.8544	0.1814	0.1659	NO

READING GRADE 8								
IREF	MAXIMUM	OLDMEAN	NEWMEAN	OLDSTDEV	NEWSTDEV	EFF_SIZE	ABS_DIFF	DISCARD
204155	4	2.0049	2.0882	1.0122	0.9812	0.0823	0.0833	NO
204128	4	1.8732	1.9366	0.9441	1.055	0.0672	0.0634	NO
204133	4	2.3707	2.2829	0.9774	0.9412	-0.0898	0.0878	NO
226247	4	2.2732	2.2829	0.9944	0.9667	0.0098	0.0098	NO
255976	4	1.8049	1.9122	0.9632	0.9888	0.1114	0.1073	NO
255965	4	1.9512	2.0341	0.9964	0.9896	0.0832	0.0829	NO
199674	4	1.9707	2.078	1.0069	1.0091	0.1066	0.1073	NO
199675	4	2.1961	2.2549	1.1029	0.987	0.0533	0.0588	NO

SECTION II.C

NECAP
Content and Item Type of Equating Items

Reporting Category	Grade 3								Grade 4							
	Common				Matrix Equating				Common				Matrix Equating			
	MC	SA1	SA2	CR	MC	SA1	SA2	CR	MC	SA1	SA2	CR	MC	SA1	SA2	CR
Number & Operations	19	6	5		17	5	6		15	6	5		17	5	6	
Geometry & Measurement	5	1	2		5	1	2		9	1	2		8	1	2	
Functions & Algebra	6	2	1		6	3	0		4	2	1		1	3	0	
Data, Statistics, & Probability	5	1	2		3	1	2		7	1	2		5	1	2	

Reporting Category	Grade 5								Grade 6							
	Common				Matrix Equating				Common				Matrix Equating			
	MC	SA1	SA2	CR	MC	SA1	SA2	CR	MC	SA1	SA2	CR	MC	SA1	SA2	CR
Number & Operations	18	2	3	1	17	3	3	1	14	2	3	1	12	1	2	2
Geometry & Measurement	6	1	1	1	4	1	1	1	9	2	1	1	9	1	1	1
Functions & Algebra	6	1	1	1	10	1	2	0	6	1	1	1	5	1	1	1
Data, Statistics, & Probability	2	2	1	1	1	1	0	2	3	1	1	1	5	3	2	0

Reporting Category	Grade 7								Grade 8							
	Common				Matrix Equating				Common				Matrix Equating			
	MC	SA1	SA2	CR	MC	SA1	SA2	CR	MC	SA1	SA2	CR	MC	SA1	SA2	CR
Number & Operations	12	2	1	1	11	2	2	1	6	1	1	1	6	1	1	1
Geometry & Measurement	7	1	2	1	10	1	2	1	7	1	2	1	10	1	2	1
Functions & Algebra	9	2	2	1	8	2	2	1	16	3	2	1	12	3	1	2
Data, Statistics, & Probability	4	1	1	1	3	1	1	1	3	1	1	1	4	1	2	0

Reporting Category	Grade 3				Grade 4				Grade 5			
	Common		Matrix Equating		Common		Matrix Equating		Common		Matrix Equating	
	MC	CR	MC	CR	MC	CR	MC	CR	MC	CR	MC	CR
Word ID / Vocabulary	14	2	16	3	10	2	15	3	9	0	15	0
Initial Understanding - Literary	6	1	9	2	6	1	5	1	5	1	6	1
Analysis & Interpretation - Literary	1	1	2	0	3	1	4	1	5	2	9	4
Initial Understanding - Informational	5	1	8	1	6	1	10	1	6	1	6	3
Analysis & Interpretation - Informational	2	1	3	2	3	1	4	2	3	2	6	1

Reporting Category	Grade 6				Grade 7				Grade 8			
	Common		Matrix Equating		Common		Matrix Equating		Common		Matrix Equating	
	MC	CR	MC	CR	MC	CR	MC	CR	MC	CR	MC	CR
Word ID / Vocabulary	9	0	14	0	10	0	14	0	10	0	13	0
Initial Understanding - Literary	4	1	10	0	4	1	2	0	5	1	2	0
Analysis & Interpretation - Literary	5	2	4	4	6	2	13	5	4	2	13	5
Initial Understanding - Informational	7	1	9	2	6	1	10	2	6	1	7	1
Analysis & Interpretation - Informational	3	2	5	3	2	2	2	2	3	2	3	2

SECTION II.D

NECAP
Classical Test Theory Statistics and
Item Specifications for Equating Items

Equating Math Grade 03

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
198283	6	55	0.82	0.39	0.42	4	32	0.84	0.37	0.4	1	1364	'06-07
198292	6	32	0.74	0.44	0.35	5	7	0.76	0.43	0.36	1	1364	'06-07
198465	3	53	0.59	0.49	0.42	6	30	0.61	0.49	0.44	1	1364	'06-07
198465	9	53	0.6	0.49	0.43	6	30	0.61	0.49	0.44	1	1364	'06-07
198468	0	50	0.79	0.41	0.5	5	30	0.79	0.41	0.55	1	1364	'06-07
198517	0	23	1.46	0.76	0.39	2	19	1.44	0.78	0.39	2	1364	'06-07
198517	0	23	1.46	0.76	0.39	8	19	1.48	0.76	0.42	2	1364	'06-07
198521	5	46	0.83	0.83	0.53	6	69	0.89	0.86	0.52	2	1364	'06-07
198551	0	49	0.85	0.36	0.44	4	53	0.85	0.36	0.48	1	1364	'06-07
198557	0	28	0.85	0.36	0.47	3	53	0.87	0.34	0.5	1	1364	'06-07
198557	0	28	0.85	0.36	0.47	9	53	0.86	0.35	0.47	1	1364	'06-07
198573	5	30	0.81	0.39	0.4	4	55	0.81	0.39	0.44	1	1364	'06-07
198577	0	66	0.89	0.31	0.34	3	65	0.88	0.33	0.39	1	1364	'06-07
198577	0	66	0.89	0.31	0.34	9	65	0.88	0.32	0.34	1	1364	'06-07
198582	0	59	0.49	0.5	0.41	1	55	0.51	0.5	0.45	1	1363	'05-06
198582	0	59	0.49	0.5	0.41	7	55	0.49	0.5	0.46	1	1363	'05-06
198636	0	20	1.4	0.69	0.54	4	69	1.36	0.7	0.55	2	1364	'06-07
201312	0	25	0.84	0.37	0.45	3	30	0.85	0.36	0.46	1	1364	'06-07
201312	0	25	0.84	0.37	0.45	9	30	0.86	0.35	0.44	1	1364	'06-07
201401	5	5	0.86	0.34	0.38	1	7	0.83	0.38	0.4	1	1364	'06-07
201401	5	5	0.86	0.34	0.38	7	7	0.84	0.36	0.37	1	1364	'06-07
201404	0	11	0.74	0.44	0.55	3	7	0.76	0.43	0.55	1	1364	'06-07
201404	0	11	0.74	0.44	0.55	9	7	0.74	0.44	0.55	1	1364	'06-07
201416	0	3	0.71	0.45	0.47	2	7	0.65	0.48	0.51	1	1364	'06-07
201416	0	3	0.71	0.45	0.47	8	7	0.64	0.48	0.5	1	1364	'06-07
201446	0	4	0.52	0.5	0.49	3	5	0.52	0.5	0.48	1	1364	'06-07
201446	0	4	0.52	0.5	0.49	9	5	0.51	0.5	0.5	1	1364	'06-07
201459	6	5	0.51	0.5	0.45	1	5	0.49	0.5	0.46	1	1364	'06-07
201459	6	5	0.51	0.5	0.45	7	5	0.5	0.5	0.46	1	1364	'06-07
201477	0	13	0.74	0.44	0.46	2	15	0.73	0.45	0.47	1	1364	'06-07
201477	0	13	0.74	0.44	0.46	8	15	0.72	0.45	0.45	1	1364	'06-07
201481	0	67	0.77	0.42	0.52	1	65	0.78	0.41	0.52	1	1364	'06-07
201481	0	67	0.77	0.42	0.52	7	65	0.79	0.41	0.51	1	1364	'06-07
201520	5	42	0.7	0.46	0.49	2	65	0.68	0.47	0.44	1	1364	'06-07
201520	5	42	0.7	0.46	0.49	8	65	0.66	0.47	0.47	1	1364	'06-07
201581	5	55	0.69	0.46	0.37	5	32	0.6	0.49	0.36	1	1364	'06-07
201604	9	7	0.57	0.5	0.43	3	32	0.55	0.5	0.44	1	1364	'06-07
201604	3	7	0.56	0.5	0.46	9	32	0.55	0.5	0.41	1	1364	'06-07
201614	9	30	0.81	0.39	0.34	3	55	0.82	0.39	0.33	1	1364	'06-07
201614	3	30	0.81	0.39	0.33	9	55	0.82	0.38	0.38	1	1364	'06-07
201619	6	42	0.8	0.4	0.34	3	42	0.85	0.35	0.29	1	1364	'06-07
201619	6	42	0.8	0.4	0.34	9	42	0.85	0.36	0.3	1	1364	'06-07
201754	0	45	1.32	0.71	0.42	1	46	1.36	0.7	0.44	2	1364	'06-07

Equating Math Grade 03

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
201754	0	45	1.32	0.71	0.42	7	46	1.34	0.71	0.42	2	1364	'06-07
201800	0	56	0.85	0.36	0.32	5	55	0.88	0.32	0.31	1	1364	'06-07
201811	8	30	0.77	0.42	0.42	1	53	0.75	0.43	0.43	1	1364	'06-07
201811	2	30	0.77	0.42	0.43	7	53	0.76	0.43	0.44	1	1364	'06-07
201851	6	65	0.65	0.48	0.55	5	65	0.65	0.48	0.59	1	1364	'06-07
201890	6	53	0.86	0.35	0.44	1	30	0.88	0.32	0.44	1	1364	'06-07
201890	6	53	0.86	0.35	0.44	7	30	0.89	0.32	0.41	1	1364	'06-07
202089	4	46	0.83	0.94	0.51	2	69	0.93	0.94	0.53	2	1364	'06-07
202089	4	46	0.83	0.94	0.51	8	69	0.92	0.94	0.51	2	1364	'06-07
205957	0	14	0.34	0.47	0.46	6	15	0.53	0.5	0.51	1	1364	'06-07
223879	0	9	0.84	0.36	0.42	5	5	0.84	0.37	0.45	1	1364	'06-07
223883	9	5	0.76	0.43	0.38	6	7	0.75	0.43	0.38	1	1364	'06-07
223883	3	5	0.76	0.43	0.38	6	7	0.75	0.43	0.38	1	1364	'06-07
223892	0	59	0.82	0.39	0.4	4	30	0.78	0.42	0.41	1	1364	'06-07
223896	4	55	0.82	0.39	0.4	6	53	0.8	0.4	0.43	1	1364	'06-07
223920	0	17	0.65	0.48	0.43	1	15	0.68	0.47	0.51	1	1364	'06-07
223920	0	17	0.65	0.48	0.43	7	15	0.71	0.46	0.52	1	1364	'06-07
223923	0	18	0.68	0.78	0.52	4	19	0.72	0.8	0.52	2	1364	'06-07
226696	4	5	0.71	0.46	0.47	4	7	0.73	0.44	0.5	1	1364	'06-07
226937	0	29	0.6	0.49	0.49	1	32	0.63	0.48	0.48	1	1364	'06-07
226937	0	29	0.6	0.49	0.49	7	32	0.63	0.48	0.5	1	1364	'06-07
226943	7	55	0.69	0.46	0.44	6	32	0.72	0.45	0.43	1	1364	'06-07
226943	1	55	0.7	0.46	0.42	6	32	0.72	0.45	0.43	1	1364	'06-07
226945	0	37	0.58	0.49	0.46	2	32	0.62	0.49	0.43	1	1364	'06-07
226945	0	37	0.58	0.49	0.46	8	32	0.62	0.49	0.46	1	1364	'06-07
226965	0	16	0.62	0.48	0.46	4	15	0.63	0.48	0.46	1	1364	'06-07
226979	0	51	0.54	0.5	0.29	5	53	0.6	0.49	0.28	1	1364	'06-07
227039	0	60	0.52	0.5	0.48	6	55	0.46	0.5	0.45	1	1364	'06-07
227127	9	69	0.87	0.75	0.55	3	69	0.94	0.75	0.56	2	1364	'06-07
227127	3	69	0.88	0.75	0.58	9	69	0.88	0.73	0.55	2	1364	'06-07
231017	6	19	0.68	0.59	0.44	3	19	0.71	0.63	0.43	2	1364	'06-07
231017	6	19	0.68	0.59	0.44	9	19	0.68	0.6	0.42	2	1364	'06-07
242779	0	68	0.9	0.91	0.55	5	46	0.95	0.91	0.56	2	1364	'06-07
242782	0	70	1.42	0.71	0.58	5	69	1.51	0.71	0.61	2	1364	'06-07
255686	9	6	0.76	0.43	0.48	4	5	0.76	0.43	0.48	1	1364	'06-07
255686	3	6	0.75	0.43	0.48	4	5	0.76	0.43	0.48	1	1364	'06-07
255983	2	42	0.5	0.5	0.48	5	42	0.55	0.5	0.52	1	1364	'06-07

Equating Math Grade 04

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
198327	0	24	0.93	0.26	0.26	3	5	0.92	0.27	0.29	1	1364	'06-07
198327	0	24	0.93	0.26	0.26	9	5	0.93	0.26	0.25	1	1364	'06-07
198328	0	4	0.35	0.48	0.38	3	7	0.4	0.49	0.38	1	1364	'06-07
198328	0	4	0.35	0.48	0.38	9	7	0.39	0.49	0.38	1	1364	'06-07
198381	8	5	0.69	0.46	0.47	4	5	0.72	0.45	0.45	1	1364	'06-07
198381	2	5	0.7	0.46	0.5	4	5	0.72	0.45	0.45	1	1364	'06-07
198384	5	7	0.52	0.5	0.34	6	7	0.52	0.5	0.29	1	1364	'06-07
198400	0	3	0.74	0.44	0.46	1	7	0.7	0.46	0.49	1	1364	'06-07
198400	0	3	0.74	0.44	0.46	7	7	0.71	0.45	0.5	1	1364	'06-07
198401	0	40	0.76	0.43	0.33	2	65	0.7	0.46	0.35	1	1364	'06-07
198401	0	40	0.76	0.43	0.33	8	65	0.71	0.45	0.35	1	1364	'06-07
198411	6	15	0.32	0.47	0.48	6	15	0.47	0.5	0.56	1	1364	'06-07
198426	1	15	0.77	0.42	0.39	5	15	0.8	0.4	0.38	1	1364	'06-07
198426	7	15	0.77	0.42	0.39	5	15	0.8	0.4	0.38	1	1364	'06-07
198430	0	35	0.87	0.34	0.43	3	30	0.86	0.35	0.49	1	1364	'06-07
198430	0	35	0.87	0.34	0.43	9	30	0.85	0.36	0.45	1	1364	'06-07
198431	0	20	0.84	0.83	0.48	5	19	0.76	0.82	0.46	2	1364	'06-07
198442	0	44	1.29	0.8	0.37	3	69	1.17	0.83	0.33	2	1364	'06-07
198442	0	44	1.29	0.8	0.37	9	69	1.17	0.83	0.35	2	1364	'06-07
202322	8	55	0.86	0.35	0.39	4	55	0.85	0.36	0.38	1	1364	'06-07
202322	2	55	0.85	0.35	0.39	4	55	0.85	0.36	0.38	1	1364	'06-07
202331	6	30	0.8	0.4	0.35	2	30	0.8	0.4	0.37	1	1364	'06-07
202331	6	30	0.8	0.4	0.35	8	30	0.8	0.4	0.35	1	1364	'06-07
202347	0	9	0.7	0.46	0.44	5	5	0.73	0.45	0.43	1	1364	'06-07
202354	6	5	0.5	0.5	0.48	6	5	0.52	0.5	0.46	1	1364	'06-07
202368	6	19	1.19	0.68	0.6	4	19	1.11	0.76	0.56	2	1364	'06-07
202377	0	18	1.58	0.73	0.48	6	19	1.54	0.76	0.47	2	1364	'06-07
202384	6	55	0.79	0.41	0.33	4	32	0.79	0.41	0.32	1	1364	'06-07
202388	0	50	0.73	0.44	0.48	2	32	0.7	0.46	0.47	1	1364	'06-07
202388	0	50	0.73	0.44	0.48	8	32	0.71	0.45	0.44	1	1364	'06-07
202396	4	53	0.86	0.34	0.17	6	30	0.86	0.35	0.21	1	1364	'06-07
202484	4	15	0.21	0.41	0.38	2	15	0.28	0.45	0.43	1	1364	'06-07
202484	4	15	0.21	0.41	0.38	8	15	0.3	0.46	0.44	1	1364	'06-07
202489	5	69	1.23	0.83	0.56	4	69	1.23	0.83	0.59	2	1364	'06-07
202500	0	48	0.85	0.36	0.38	3	53	0.83	0.37	0.4	1	1364	'06-07
202500	0	48	0.85	0.36	0.38	9	53	0.83	0.38	0.39	1	1364	'06-07
223956	0	48	0.76	0.43	0.51	1	53	0.8	0.4	0.5	1	1363	'05-06
223956	0	48	0.76	0.43	0.51	7	53	0.81	0.39	0.49	1	1363	'05-06
223960	0	12	0.84	0.36	0.4	2	7	0.85	0.35	0.4	1	1364	'06-07
223960	0	12	0.84	0.36	0.4	8	7	0.85	0.35	0.39	1	1364	'06-07
223966	0	52	0.51	0.5	0.39	4	53	0.57	0.5	0.44	1	1364	'06-07
223968	7	7	0.2	0.4	0.27	1	5	0.2	0.4	0.27	1	1364	'06-07

Equating Math Grade 04

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
223968	1	7	0.2	0.4	0.28	7	5	0.21	0.41	0.26	1	1364	'06-07
224032	0	26	0.61	0.49	0.47	4	30	0.63	0.48	0.48	1	1364	'06-07
224096	4	46	0.99	0.81	0.61	2	69	1.05	0.81	0.63	2	1363	'05-06
224096	4	46	0.99	0.81	0.61	8	69	1.06	0.82	0.64	2	1363	'05-06
224099	9	46	1.59	0.73	0.42	3	46	1.55	0.73	0.44	2	1364	'06-07
224099	3	46	1.6	0.72	0.41	9	46	1.58	0.72	0.43	2	1364	'06-07
227035	7	32	0.73	0.44	0.45	3	55	0.85	0.36	0.47	1	1364	'06-07
227035	1	32	0.72	0.45	0.45	9	55	0.85	0.36	0.46	1	1364	'06-07
227058	0	28	0.87	0.34	0.39	5	32	0.88	0.33	0.39	1	1364	'06-07
227060	0	51	0.85	0.35	0.46	5	53	0.83	0.38	0.47	1	1364	'06-07
227070	0	8	0.36	0.48	0.28	2	5	0.36	0.48	0.26	1	1364	'06-07
227070	0	8	0.36	0.48	0.28	8	5	0.36	0.48	0.28	1	1364	'06-07
227082	9	69	1.37	0.58	0.59	6	69	1.38	0.56	0.61	2	1364	'06-07
227082	3	69	1.35	0.56	0.55	6	69	1.38	0.56	0.61	2	1364	'06-07
227088	0	29	0.19	0.39	0.09	3	32	0.19	0.39	0.1	1	1364	'06-07
227088	0	29	0.19	0.39	0.09	9	32	0.17	0.38	0.05	1	1364	'06-07
227089	6	32	0.66	0.47	0.41	2	55	0.76	0.43	0.4	1	1364	'06-07
227089	6	32	0.66	0.47	0.41	8	55	0.76	0.43	0.39	1	1364	'06-07
227096	0	68	0.83	0.81	0.4	5	69	0.81	0.8	0.46	2	1364	'06-07
227098	0	33	0.65	0.48	0.51	5	30	0.66	0.47	0.53	1	1364	'06-07
227107	0	57	0.81	0.39	0.49	1	55	0.8	0.4	0.49	1	1364	'06-07
227107	0	57	0.81	0.39	0.49	7	55	0.82	0.39	0.49	1	1364	'06-07
232429	0	21	1.18	0.92	0.59	1	19	1.17	0.89	0.57	2	1364	'06-07
232429	0	21	1.18	0.92	0.59	7	19	1.18	0.9	0.55	2	1364	'06-07
232445	7	30	0.81	0.39	0.45	6	32	0.81	0.39	0.36	1	1364	'06-07
232445	1	30	0.81	0.39	0.44	6	32	0.81	0.39	0.36	1	1364	'06-07
232534	0	64	0.55	0.5	0.53	3	65	0.57	0.5	0.53	1	1364	'06-07
232534	0	64	0.55	0.5	0.53	9	65	0.56	0.5	0.54	1	1364	'06-07
232535	0	13	0.56	0.5	0.47	1	15	0.56	0.5	0.49	1	1364	'06-07
232535	0	13	0.56	0.5	0.47	7	15	0.56	0.5	0.49	1	1364	'06-07
232537	5	30	0.72	0.45	0.48	1	30	0.74	0.44	0.43	1	1363	'05-06
232537	5	30	0.72	0.45	0.48	7	30	0.76	0.43	0.44	1	1363	'05-06
232543	0	67	0.71	0.45	0.49	4	65	0.59	0.49	0.44	1	1364	'06-07
232594	8	7	0.48	0.5	0.39	4	7	0.49	0.5	0.39	1	1364	'06-07
232594	2	7	0.46	0.5	0.4	4	7	0.49	0.5	0.39	1	1364	'06-07
232599	5	65	0.49	0.5	0.42	5	65	0.47	0.5	0.4	1	1364	'06-07
232604	4	5	0.46	0.5	0.43	5	7	0.5	0.5	0.46	1	1364	'06-07
255732	4	42	0.59	0.49	0.43	6	65	0.59	0.49	0.44	1	1364	'06-07
255739	1	42	0.54	0.5	0.43	1	65	0.6	0.49	0.41	1	1364	'06-07
255739	1	42	0.54	0.5	0.43	7	65	0.61	0.49	0.4	1	1364	'06-07

Equating Math Grade 05

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
198487	8	7	0.73	0.44	0.46	5	9	0.72	0.45	0.48	1	1364	'06-07
198487	2	7	0.73	0.45	0.47	5	9	0.72	0.45	0.48	1	1364	'06-07
198548	9	38	0.5	0.5	0.48	2	36	0.49	0.5	0.47	1	1364	'06-07
198548	3	38	0.49	0.5	0.49	8	36	0.51	0.5	0.47	1	1364	'06-07
198585	3	51	0.65	0.48	0.44	1	49	0.63	0.48	0.46	1	1364	'06-07
198585	9	51	0.66	0.47	0.47	7	49	0.63	0.48	0.42	1	1364	'06-07
198603	3	61	1.39	0.79	0.47	3	39	1.32	0.85	0.47	2	1364	'06-07
198603	9	61	1.44	0.79	0.48	9	39	1.31	0.86	0.46	2	1364	'06-07
203258	0	46	0.85	0.36	0.35	1	51	0.87	0.34	0.33	1	1364	'06-07
203258	0	46	0.85	0.36	0.35	7	51	0.87	0.34	0.29	1	1364	'06-07
203280	0	32	0.7	0.46	0.48	4	28	0.69	0.46	0.49	1	1364	'06-07
203293	5	49	0.49	0.5	0.57	3	51	0.51	0.5	0.53	1	1364	'06-07
203293	5	49	0.49	0.5	0.57	9	51	0.51	0.5	0.56	1	1364	'06-07
203298	4	9	0.35	0.48	0.34	3	7	0.42	0.49	0.35	1	1364	'06-07
203298	4	9	0.35	0.48	0.34	9	7	0.41	0.49	0.33	1	1364	'06-07
203299	6	9	0.46	0.5	0.36	2	7	0.52	0.5	0.4	1	1364	'06-07
203299	6	9	0.46	0.5	0.36	8	7	0.51	0.5	0.4	1	1364	'06-07
203356	4	7	0.5	0.5	0.46	1	9	0.52	0.5	0.42	1	1364	'06-07
203356	4	7	0.5	0.5	0.46	7	9	0.54	0.5	0.47	1	1364	'06-07
203358	0	2	0.71	0.45	0.41	5	7	0.72	0.45	0.41	1	1364	'06-07
203367	2	9	0.4	0.49	0.26	4	7	0.42	0.49	0.22	1	1364	'06-07
203367	8	9	0.43	0.49	0.24	4	7	0.42	0.49	0.22	1	1364	'06-07
203378	6	26	0.61	0.49	0.36	4	51	0.63	0.48	0.38	1	1364	'06-07
203556	5	36	0.59	0.49	0.33	4	38	0.63	0.48	0.35	1	1364	'06-07
203559	6	16	0.55	0.5	0.46	6	16	0.6	0.49	0.46	1	1364	'06-07
203584	0	30	0.53	0.5	0.44	6	49	0.54	0.5	0.44	1	1364	'06-07
203606	2	28	0.45	0.5	0.43	5	49	0.46	0.5	0.44	1	1364	'06-07
203606	8	28	0.45	0.5	0.44	5	49	0.46	0.5	0.44	1	1364	'06-07
203893	6	49	0.75	0.43	0.35	2	26	0.76	0.43	0.31	1	1364	'06-07
203893	6	49	0.75	0.43	0.35	8	26	0.77	0.42	0.29	1	1364	'06-07
203898	4	51	0.6	0.49	0.42	6	9	0.57	0.5	0.41	1	1364	'06-07
203914	2	51	0.55	0.5	0.23	3	49	0.54	0.5	0.37	1	1364	'06-07
203914	8	51	0.52	0.5	0.26	9	49	0.53	0.5	0.37	1	1364	'06-07
203933	0	22	0.84	0.36	0.36	5	26	0.84	0.37	0.35	1	1364	'06-07
203938	8	26	0.71	0.45	0.49	4	26	0.66	0.47	0.46	1	1364	'06-07
203938	2	26	0.72	0.45	0.47	4	26	0.66	0.47	0.46	1	1364	'06-07
203941	0	37	0.81	0.39	0.37	4	36	0.79	0.4	0.4	1	1364	'06-07
203949	0	65	0.66	0.78	0.58	1	61	0.74	0.83	0.58	2	1364	'06-07
203949	0	65	0.66	0.78	0.58	7	61	0.74	0.84	0.57	2	1364	'06-07
203977	5	28	0.51	0.5	0.38	6	28	0.49	0.5	0.37	1	1364	'06-07
203997	4	16	0.38	0.49	0.46	1	36	0.38	0.49	0.44	1	1364	'06-07
203997	4	16	0.38	0.49	0.46	7	36	0.38	0.49	0.41	1	1364	'06-07

Equating Math Grade 05

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
225011	0	29	0.42	0.49	0.49	5	28	0.43	0.5	0.53	1	1364	'06-07
225025	0	41	0.8	0.85	0.39	2	39	0.9	0.87	0.4	2	1364	'06-07
225025	0	41	0.8	0.85	0.39	8	39	0.91	0.87	0.38	2	1364	'06-07
225028	0	62	1.58	1.46	0.67	5	64	1.67	1.45	0.69	4	1364	'06-07
225032	9	26	0.48	0.5	0.49	4	49	0.52	0.5	0.5	1	1364	'06-07
225032	3	26	0.48	0.5	0.48	4	49	0.52	0.5	0.5	1	1364	'06-07
225295	0	52	0.48	0.5	0.34	3	26	0.47	0.5	0.32	1	1364	'06-07
225295	0	52	0.48	0.5	0.34	9	26	0.47	0.5	0.37	1	1364	'06-07
225298	8	49	0.57	0.5	0.44	3	28	0.59	0.49	0.46	1	1364	'06-07
225298	2	49	0.56	0.5	0.45	9	28	0.61	0.49	0.46	1	1364	'06-07
225316	0	48	0.54	0.5	0.44	6	51	0.49	0.5	0.37	1	1364	'06-07
225333	0	11	0.5	0.5	0.44	2	9	0.5	0.5	0.49	1	1364	'06-07
225333	0	11	0.5	0.5	0.44	8	9	0.51	0.5	0.46	1	1364	'06-07
225346	0	63	1.18	0.86	0.56	4	61	1.18	0.88	0.58	2	1364	'06-07
225389	2	39	0.55	0.76	0.56	6	61	0.54	0.77	0.53	2	1364	'06-07
225389	8	39	0.54	0.74	0.57	6	61	0.54	0.77	0.53	2	1364	'06-07
225404	6	28	0.69	0.46	0.32	1	26	0.7	0.46	0.34	1	1364	'06-07
225404	6	28	0.69	0.46	0.32	7	26	0.71	0.45	0.33	1	1364	'06-07
225408	0	4	0.36	0.48	0.3	1	28	0.36	0.48	0.32	1	1364	'06-07
225408	0	4	0.36	0.48	0.3	7	28	0.35	0.48	0.3	1	1364	'06-07
225453	6	20	1.08	1.27	0.66	4	20	1.06	1.27	0.64	4	1364	'06-07
226715	8	8	0.34	0.47	0.33	4	9	0.33	0.47	0.38	1	1364	'06-07
226715	2	8	0.33	0.47	0.35	4	9	0.33	0.47	0.38	1	1364	'06-07
226814	7	49	0.36	0.48	0.42	6	26	0.34	0.48	0.4	1	1364	'06-07
226814	1	49	0.36	0.48	0.43	6	26	0.34	0.48	0.4	1	1364	'06-07
230748	0	40	1.01	1.35	0.59	3	20	1.02	1.35	0.58	4	1364	'06-07
230748	0	40	1.01	1.35	0.59	9	20	0.98	1.35	0.59	4	1364	'06-07
234368	4	19	0.88	0.88	0.58	1	19	0.77	0.9	0.55	2	1364	'06-07
234368	4	19	0.88	0.88	0.58	7	19	0.79	0.9	0.54	2	1364	'06-07
234370	0	24	0.75	0.43	0.42	2	49	0.77	0.42	0.41	1	1364	'06-07
234370	0	24	0.75	0.43	0.42	8	49	0.77	0.42	0.41	1	1364	'06-07
234393	5	9	0.49	0.5	0.44	1	7	0.47	0.5	0.45	1	1364	'06-07
234393	5	9	0.49	0.5	0.44	7	7	0.48	0.5	0.47	1	1364	'06-07
241932	0	18	1.96	1.42	0.59	1	20	1.93	1.43	0.61	4	1364	'06-07
241932	0	18	1.96	1.42	0.59	7	20	1.97	1.43	0.61	4	1364	'06-07
255763	9	50	0.51	0.5	0.41	5	51	0.47	0.5	0.4	1	1364	'06-07
255763	3	50	0.5	0.5	0.4	5	51	0.47	0.5	0.4	1	1364	'06-07
260931	7	36	0.42	0.49	0.45	6	36	0.39	0.49	0.44	1	1364	'06-07
260931	1	36	0.42	0.49	0.46	6	36	0.39	0.49	0.44	1	1364	'06-07

Equating Math Grade 06

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
198609	5	7	0.48	0.5	0.48	4	7	0.48	0.5	0.5	1	1364	'06-07
198610	0	6	0.78	0.41	0.46	1	7	0.78	0.42	0.46	1	1364	'06-07
198610	0	6	0.78	0.41	0.46	7	7	0.78	0.41	0.44	1	1364	'06-07
198612	0	11	0.38	0.48	0.43	6	7	0.38	0.49	0.44	1	1364	'06-07
198632	8	19	0.82	0.89	0.68	3	19	0.79	0.89	0.66	2	1364	'06-07
198632	2	19	0.8	0.88	0.69	9	19	0.87	0.9	0.67	2	1364	'06-07
198649	0	55	0.47	0.5	0.39	4	51	0.49	0.5	0.44	1	1364	'06-07
198650	0	32	0.63	0.48	0.36	6	28	0.66	0.47	0.35	1	1364	'06-07
198713	0	14	0.61	0.49	0.55	1	16	0.58	0.49	0.55	1	1364	'06-07
198713	0	14	0.61	0.49	0.55	7	16	0.61	0.49	0.56	1	1364	'06-07
198716	0	41	0.89	0.67	0.49	3	61	0.92	0.68	0.5	2	1364	'06-07
198716	0	41	0.89	0.67	0.49	9	61	0.91	0.67	0.45	2	1364	'06-07
198722	9	49	0.62	0.48	0.51	3	51	0.63	0.48	0.49	1	1364	'06-07
198722	3	49	0.63	0.48	0.5	9	51	0.65	0.48	0.5	1	1364	'06-07
198726	4	61	0.75	0.9	0.56	6	61	0.73	0.89	0.54	2	1364	'06-07
198727	5	19	0.52	0.74	0.57	1	39	0.63	0.78	0.57	2	1364	'06-07
198727	5	19	0.52	0.74	0.57	7	39	0.62	0.78	0.56	2	1364	'06-07
203167	5	9	0.4	0.49	0.47	3	9	0.39	0.49	0.48	1	1364	'06-07
203167	5	9	0.4	0.49	0.47	9	9	0.41	0.49	0.49	1	1364	'06-07
203173	4	7	0.46	0.5	0.45	2	26	0.46	0.5	0.46	1	1364	'06-07
203173	4	7	0.46	0.5	0.45	8	26	0.48	0.5	0.46	1	1364	'06-07
203188	9	26	0.63	0.48	0.51	2	7	0.64	0.48	0.48	1	1364	'06-07
203188	3	26	0.63	0.48	0.5	8	7	0.66	0.47	0.48	1	1364	'06-07
203204	0	13	0.62	0.49	0.5	2	9	0.64	0.48	0.47	1	1364	'06-07
203204	0	13	0.62	0.49	0.5	8	9	0.65	0.48	0.47	1	1364	'06-07
203217	0	12	0.65	0.48	0.37	5	9	0.65	0.48	0.35	1	1364	'06-07
203279	0	21	1.37	0.85	0.54	6	19	1.39	0.81	0.53	2	1364	'06-07
203350	5	26	0.61	0.49	0.26	5	26	0.64	0.48	0.31	1	1364	'06-07
203379	0	53	0.33	0.47	0.32	5	28	0.33	0.47	0.37	1	1364	'06-07
203381	0	33	0.79	0.4	0.25	5	51	0.77	0.42	0.28	1	1364	'06-07
203393	0	30	0.5	0.5	0.49	1	26	0.48	0.5	0.49	1	1364	'06-07
203393	0	30	0.5	0.5	0.49	7	26	0.47	0.5	0.49	1	1364	'06-07
203452	4	28	0.52	0.5	0.46	1	28	0.54	0.5	0.43	1	1364	'06-07
203452	4	28	0.52	0.5	0.46	7	28	0.55	0.5	0.44	1	1364	'06-07
203453	8	9	0.59	0.49	0.36	1	9	0.57	0.5	0.38	1	1364	'06-07
203453	2	9	0.6	0.49	0.37	7	9	0.58	0.49	0.36	1	1364	'06-07
203457	2	51	0.68	0.46	0.5	4	26	0.66	0.47	0.47	1	1364	'06-07
203457	8	51	0.69	0.46	0.49	4	26	0.66	0.47	0.47	1	1364	'06-07
203526	7	51	0.57	0.5	0.28	4	28	0.61	0.49	0.26	1	1364	'06-07
203526	1	51	0.58	0.49	0.29	4	28	0.61	0.49	0.26	1	1364	'06-07
203543	7	38	0.46	0.5	0.4	1	36	0.47	0.5	0.39	1	1364	'06-07
203543	1	38	0.44	0.5	0.42	7	36	0.46	0.5	0.4	1	1364	'06-07

Equating Math Grade 06

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
225180	9	51	0.46	0.5	0.47	3	26	0.42	0.49	0.48	1	1364	'06-07
225180	3	51	0.46	0.5	0.47	9	26	0.46	0.5	0.47	1	1364	'06-07
225267	0	31	0.6	0.49	0.46	3	28	0.52	0.5	0.45	1	1364	'06-07
225267	0	31	0.6	0.49	0.46	9	28	0.55	0.5	0.42	1	1364	'06-07
225300	0	54	0.14	0.34	0.26	6	49	0.12	0.32	0.28	1	1364	'06-07
225318	0	25	0.46	0.5	0.53	3	49	0.48	0.5	0.54	1	1364	'06-07
225318	0	25	0.46	0.5	0.53	9	49	0.49	0.5	0.57	1	1364	'06-07
225334	5	20	1.41	1.47	0.71	4	20	1.4	1.46	0.73	4	1364	'06-07
225345	7	49	0.41	0.49	0.25	1	51	0.49	0.5	0.31	1	1364	'06-07
225345	1	49	0.4	0.49	0.25	7	51	0.51	0.5	0.31	1	1364	'06-07
225351	0	24	0.5	0.5	0.27	3	7	0.49	0.5	0.25	1	1364	'06-07
225351	0	24	0.5	0.5	0.27	9	7	0.51	0.5	0.25	1	1364	'06-07
225363	0	60	0.36	0.48	0.29	6	16	0.4	0.49	0.32	1	1364	'06-07
225376	0	5	0.49	0.5	0.38	6	9	0.49	0.5	0.38	1	1364	'06-07
225377	2	36	0.58	0.49	0.5	6	36	0.6	0.49	0.49	1	1364	'06-07
225377	8	36	0.58	0.49	0.54	6	36	0.6	0.49	0.49	1	1364	'06-07
225381	0	18	1.33	1.38	0.63	3	20	1.41	1.45	0.65	4	1364	'06-07
225381	0	18	1.33	1.38	0.63	9	20	1.45	1.49	0.64	4	1364	'06-07
225427	8	49	0.4	0.49	0.25	4	49	0.39	0.49	0.28	1	1364	'06-07
225427	2	49	0.4	0.49	0.23	4	49	0.39	0.49	0.28	1	1364	'06-07
228669	0	37	0.67	0.47	0.61	3	36	0.67	0.47	0.58	1	1364	'06-07
228669	0	37	0.67	0.47	0.61	9	36	0.71	0.45	0.59	1	1364	'06-07
233588	0	40	1.59	1.39	0.7	5	64	1.63	1.41	0.69	4	1364	'06-07
234406	3	39	1.09	0.8	0.59	2	19	1.13	0.8	0.57	2	1364	'06-07
234406	9	39	1.1	0.79	0.6	8	19	1.13	0.81	0.58	2	1364	'06-07
234411	6	51	0.54	0.5	0.43	5	49	0.53	0.5	0.47	1	1364	'06-07
234416	6	9	0.45	0.5	0.21	2	28	0.52	0.5	0.26	1	1364	'06-07
234416	6	9	0.45	0.5	0.21	8	28	0.53	0.5	0.28	1	1364	'06-07
234417	3	64	1.69	1.72	0.69	2	64	1.66	1.7	0.65	4	1364	'06-07
234417	9	64	1.73	1.73	0.67	8	64	1.68	1.72	0.66	4	1364	'06-07
242302	0	47	0.57	0.5	0.53	1	49	0.58	0.49	0.5	1	1364	'06-07
242302	0	47	0.57	0.5	0.53	7	49	0.61	0.49	0.5	1	1364	'06-07
255359	4	50	0.3	0.46	0.47	2	49	0.31	0.46	0.5	1	1364	'06-07
255359	4	50	0.3	0.46	0.47	8	49	0.33	0.47	0.5	1	1364	'06-07
255569	1	16	0.56	0.5	0.55	4	36	0.61	0.49	0.55	1	1364	'06-07

Equating Math Grade 07

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
199870	0	25	0.52	0.5	0.37	2	26	0.51	0.5	0.38	1	1364	'06-07
199870	0	25	0.52	0.5	0.37	8	26	0.51	0.5	0.38	1	1364	'06-07
199898	6	28	0.87	0.33	0.25	4	51	0.87	0.33	0.29	1	1364	'06-07
199918	4	51	0.57	0.5	0.42	4	26	0.64	0.48	0.38	1	1364	'06-07
199925	0	47	0.51	0.5	0.36	5	28	0.55	0.5	0.36	1	1364	'06-07
199947	0	48	0.7	0.46	0.39	5	51	0.66	0.47	0.39	1	1364	'06-07
199950	0	60	0.71	0.46	0.42	5	36	0.62	0.48	0.41	1	1364	'06-07
206097	8	9	0.51	0.5	0.29	5	7	0.47	0.5	0.27	1	1364	'06-07
206097	2	9	0.5	0.5	0.26	5	7	0.47	0.5	0.27	1	1364	'06-07
206098	6	9	0.8	0.4	0.22	2	7	0.8	0.4	0.24	1	1364	'06-07
206098	6	9	0.8	0.4	0.22	8	7	0.81	0.39	0.2	1	1364	'06-07
206102	4	9	0.34	0.47	0.45	6	7	0.4	0.49	0.46	1	1364	'06-07
206103	6	7	0.59	0.49	0.45	1	7	0.56	0.5	0.45	1	1364	'06-07
206103	6	7	0.59	0.49	0.45	7	7	0.57	0.49	0.46	1	1364	'06-07
206104	4	7	0.53	0.5	0.46	3	7	0.54	0.5	0.47	1	1364	'06-07
206104	4	7	0.53	0.5	0.46	9	7	0.54	0.5	0.46	1	1364	'06-07
206127	3	20	1.51	1.12	0.69	4	20	1.59	1.17	0.71	4	1364	'06-07
206127	9	20	1.52	1.15	0.69	4	20	1.59	1.17	0.71	4	1364	'06-07
206135	4	26	0.4	0.49	0.26	4	28	0.45	0.5	0.29	1	1364	'06-07
206141	1	51	0.52	0.5	0.52	3	49	0.5	0.5	0.52	1	1364	'06-07
206141	7	51	0.53	0.5	0.51	9	49	0.5	0.5	0.5	1	1364	'06-07
206144	2	49	0.56	0.5	0.36	6	28	0.62	0.49	0.36	1	1364	'06-07
206144	8	49	0.57	0.49	0.36	6	28	0.62	0.49	0.36	1	1364	'06-07
206152	5	61	0.34	0.59	0.49	5	39	0.47	0.68	0.51	2	1364	'06-07
206158	0	44	0.74	0.44	0.45	1	49	0.74	0.44	0.47	1	1364	'06-07
206158	0	44	0.74	0.44	0.45	7	49	0.76	0.43	0.44	1	1364	'06-07
206164	6	51	0.61	0.49	0.34	1	26	0.55	0.5	0.31	1	1364	'06-07
206164	6	51	0.61	0.49	0.34	7	26	0.54	0.5	0.27	1	1364	'06-07
206172	5	7	0.52	0.5	0.4	1	9	0.56	0.5	0.43	1	1364	'06-07
206172	5	7	0.52	0.5	0.4	7	9	0.57	0.5	0.4	1	1364	'06-07
206177	0	55	0.73	0.44	0.44	2	28	0.77	0.42	0.45	1	1364	'06-07
206177	0	55	0.73	0.44	0.44	8	28	0.78	0.41	0.42	1	1364	'06-07
206181	5	36	0.48	0.5	0.38	1	38	0.34	0.47	0.34	1	1364	'06-07
206181	5	36	0.48	0.5	0.38	7	38	0.36	0.48	0.35	1	1364	'06-07
206189	2	61	0.86	0.89	0.44	6	61	0.81	0.89	0.42	2	1364	'06-07
206189	8	61	0.87	0.9	0.45	6	61	0.81	0.89	0.42	2	1364	'06-07
206195	0	62	2.27	1.66	0.51	2	64	2.18	1.63	0.53	4	1364	'06-07
206195	0	62	2.27	1.66	0.51	8	64	2.18	1.64	0.54	4	1364	'06-07
206203	3	7	0.24	0.43	0.41	3	9	0.25	0.44	0.43	1	1364	'06-07
206203	9	7	0.23	0.42	0.45	9	9	0.26	0.44	0.46	1	1364	'06-07
206213	7	61	0.94	0.93	0.36	3	39	0.98	0.94	0.32	2	1363	'05-06
206213	1	61	0.93	0.94	0.39	9	39	0.94	0.95	0.32	2	1363	'05-06

Equating Math Grade 07

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
224761	0	31	0.59	0.49	0.38	3	28	0.57	0.49	0.39	1	1364	'06-07
224761	0	31	0.59	0.49	0.38	9	28	0.58	0.49	0.38	1	1364	'06-07
224764	0	2	0.88	0.33	0.31	4	7	0.87	0.34	0.35	1	1364	'06-07
224777	6	49	0.43	0.49	0.39	5	9	0.46	0.5	0.35	1	1364	'06-07
224781	4	28	0.33	0.47	0.46	1	28	0.28	0.45	0.44	1	1364	'06-07
224781	4	28	0.33	0.47	0.46	7	28	0.27	0.44	0.41	1	1364	'06-07
224793	9	51	0.67	0.47	0.37	5	49	0.68	0.47	0.29	1	1364	'06-07
224793	3	51	0.67	0.47	0.34	5	49	0.68	0.47	0.29	1	1364	'06-07
224801	0	13	0.36	0.48	0.36	2	9	0.38	0.49	0.35	1	1364	'06-07
224801	0	13	0.36	0.48	0.36	8	9	0.4	0.49	0.33	1	1364	'06-07
224827	0	15	0.4	0.49	0.44	6	16	0.43	0.5	0.45	1	1364	'06-07
224856	7	61	0.54	0.85	0.47	1	61	0.49	0.83	0.49	2	1364	'06-07
224856	1	61	0.54	0.85	0.48	7	61	0.49	0.83	0.46	2	1364	'06-07
224876	0	40	0.84	1.3	0.63	1	64	0.86	1.32	0.65	4	1364	'06-07
224876	0	40	0.84	1.3	0.63	7	64	0.9	1.31	0.62	4	1364	'06-07
224924	5	64	1.4	1.28	0.67	6	64	1.36	1.28	0.66	4	1364	'06-07
225078	0	52	0.38	0.49	0.17	2	51	0.41	0.49	0.21	1	1364	'06-07
225078	0	52	0.38	0.49	0.17	8	51	0.42	0.49	0.23	1	1364	'06-07
225135	5	19	0.75	0.82	0.53	6	19	0.69	0.86	0.47	2	1364	'06-07
228094	0	53	0.61	0.49	0.34	6	49	0.58	0.49	0.36	1	1364	'06-07
228103	5	51	0.32	0.46	0.22	1	51	0.33	0.47	0.24	1	1364	'06-07
228103	5	51	0.32	0.46	0.22	7	51	0.34	0.48	0.22	1	1364	'06-07
233831	0	32	0.33	0.47	0.48	6	9	0.35	0.48	0.52	1	1364	'06-07
234445	5	28	0.46	0.5	0.4	3	51	0.45	0.5	0.43	1	1364	'06-07
234445	5	28	0.46	0.5	0.4	9	51	0.46	0.5	0.44	1	1364	'06-07
234452	8	28	0.85	0.36	0.4	2	49	0.88	0.33	0.42	1	1364	'06-07
234452	2	28	0.85	0.36	0.42	8	49	0.87	0.34	0.41	1	1364	'06-07
234455	7	39	0.56	0.56	0.38	5	61	0.56	0.56	0.41	2	1364	'06-07
234455	1	39	0.56	0.57	0.4	5	61	0.56	0.56	0.41	2	1364	'06-07
234459	9	16	0.31	0.46	0.29	2	16	0.55	0.5	0.31	1	1364	'06-07
234459	3	16	0.31	0.46	0.29	8	16	0.56	0.5	0.34	1	1364	'06-07
255899	1	19	0.46	0.68	0.64	8	19	0.5	0.7	0.65	2	1364	'06-07
255974	9	27	0.42	0.49	0.31	3	26	0.44	0.5	0.29	1	1364	'06-07
255974	3	27	0.42	0.49	0.31	9	26	0.43	0.5	0.3	1	1364	'06-07
255994	1	16	0.17	0.38	0.5	4	16	0.2	0.4	0.48	1	1364	'06-07
256055	4	8	0.34	0.47	0.29	4	9	0.34	0.47	0.31	1	1364	'06-07
256091	4	16	0.46	0.5	0.57	3	16	0.53	0.5	0.56	1	1364	'06-07
256091	4	16	0.46	0.5	0.57	9	16	0.54	0.5	0.55	1	1364	'06-07

Equating Math Grade 08

Item number		Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
199729	6	26	0.44	0.5	0.49	1	26	0.46	0.5	0.49	1	1364	'06-07
199729	6	26	0.44	0.5	0.49	7	26	0.47	0.5	0.5	1	1364	'06-07
199743	4	9	0.53	0.5	0.44	4	7	0.58	0.49	0.45	1	1364	'06-07
199744	8	51	0.44	0.5	0.38	2	7	0.5	0.5	0.36	1	1364	'06-07
199744	2	51	0.46	0.5	0.35	8	7	0.51	0.5	0.37	1	1364	'06-07
199747	0	41	0.33	0.59	0.35	3	61	0.35	0.6	0.34	2	1364	'06-07
199747	0	41	0.33	0.59	0.35	9	61	0.3	0.59	0.34	2	1364	'06-07
199755	0	44	0.8	0.4	0.47	4	49	0.8	0.4	0.5	1	1364	'06-07
199756	4	26	0.61	0.49	0.32	6	51	0.6	0.49	0.32	1	1364	'06-07
199761	1	7	0.59	0.49	0.5	2	9	0.59	0.49	0.5	1	1364	'06-07
199761	7	7	0.6	0.49	0.5	8	9	0.59	0.49	0.52	1	1364	'06-07
199762	4	16	0.68	0.47	0.51	1	16	0.64	0.48	0.52	1	1364	'06-07
199762	4	16	0.68	0.47	0.51	7	16	0.68	0.47	0.51	1	1364	'06-07
199767	8	36	0.62	0.48	0.61	5	36	0.65	0.48	0.59	1	1364	'06-07
199767	2	36	0.65	0.48	0.59	5	36	0.65	0.48	0.59	1	1364	'06-07
199780	0	43	0.95	0.85	0.5	6	39	1.18	0.82	0.49	2	1364	'06-07
199783	4	39	0.64	0.55	0.43	1	61	0.71	0.52	0.41	2	1364	'06-07
199783	4	39	0.64	0.55	0.43	7	61	0.71	0.53	0.36	2	1364	'06-07
206221	8	28	0.52	0.5	0.36	6	49	0.5	0.5	0.34	1	1364	'06-07
206221	2	28	0.51	0.5	0.37	6	49	0.5	0.5	0.34	1	1364	'06-07
206224	3	7	0.49	0.5	0.36	3	7	0.49	0.5	0.41	1	1364	'06-07
206224	9	7	0.48	0.5	0.37	9	7	0.51	0.5	0.39	1	1364	'06-07
206225	4	7	0.43	0.5	0.21	5	9	0.42	0.49	0.2	1	1364	'06-07
206229	0	5	0.44	0.5	0.27	3	9	0.45	0.5	0.24	1	1364	'06-07
206229	0	5	0.44	0.5	0.27	9	9	0.46	0.5	0.23	1	1364	'06-07
206237	9	16	0.63	0.48	0.45	4	16	0.67	0.47	0.47	1	1364	'06-07
206237	3	16	0.64	0.48	0.46	4	16	0.67	0.47	0.47	1	1364	'06-07
206240	8	19	1.25	0.9	0.57	4	19	1.36	0.87	0.56	2	1364	'06-07
206240	2	19	1.25	0.89	0.59	4	19	1.36	0.87	0.56	2	1364	'06-07
206245	0	18	1.19	1.42	0.67	2	20	1.12	1.36	0.65	4	1364	'06-07
206245	0	18	1.19	1.42	0.67	8	20	1.14	1.36	0.65	4	1364	'06-07
206256	3	51	0.33	0.47	0.37	4	28	0.3	0.46	0.41	1	1364	'06-07
206256	9	51	0.32	0.47	0.38	4	28	0.3	0.46	0.41	1	1364	'06-07
206266	3	49	0.41	0.49	0.36	1	49	0.39	0.49	0.33	1	1364	'06-07
206266	9	49	0.42	0.49	0.34	7	49	0.39	0.49	0.32	1	1364	'06-07
206270	1	26	0.21	0.41	0.22	3	49	0.22	0.42	0.28	1	1364	'06-07
206270	7	26	0.2	0.4	0.22	9	49	0.21	0.41	0.28	1	1364	'06-07
206284	0	23	0.52	0.5	0.52	2	28	0.54	0.5	0.55	1	1364	'06-07
206284	0	23	0.52	0.5	0.52	8	28	0.56	0.5	0.54	1	1364	'06-07
206293	5	28	0.72	0.45	0.36	1	28	0.73	0.45	0.4	1	1364	'06-07
206293	5	28	0.72	0.45	0.36	7	28	0.74	0.44	0.36	1	1364	'06-07
206295	0	22	0.83	0.38	0.38	6	26	0.82	0.38	0.4	1	1364	'06-07

Equating Math Grade 08

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
206296	6	9	0.69	0.46	0.52	5	51	0.71	0.46	0.54	1	1364	'06-07
206310	5	49	0.46	0.5	0.38	5	26	0.44	0.5	0.39	1	1364	'06-07
206313	0	37	0.36	0.48	0.52	6	38	0.42	0.49	0.47	1	1364	'06-07
206331	6	20	2.02	1.11	0.63	5	20	2.1	1.16	0.61	4	1364	'06-07
206337	4	51	0.56	0.5	0.35	5	7	0.6	0.49	0.36	1	1364	'06-07
224853	0	24	0.33	0.47	0.18	3	26	0.35	0.48	0.21	1	1364	'06-07
224853	0	24	0.33	0.47	0.18	9	26	0.33	0.47	0.22	1	1364	'06-07
224878	0	2	0.34	0.47	0.24	1	7	0.42	0.49	0.33	1	1364	'06-07
224878	0	2	0.34	0.47	0.24	7	7	0.44	0.5	0.32	1	1364	'06-07
224881	0	53	0.48	0.5	0.26	3	28	0.52	0.5	0.27	1	1364	'06-07
224881	0	53	0.48	0.5	0.26	9	28	0.53	0.5	0.28	1	1364	'06-07
224891	0	29	0.33	0.47	0.43	4	26	0.31	0.46	0.43	1	1364	'06-07
224919	7	9	0.5	0.5	0.49	6	7	0.58	0.49	0.49	1	1364	'06-07
224919	1	9	0.5	0.5	0.49	6	7	0.58	0.49	0.49	1	1364	'06-07
225437	9	38	0.23	0.42	0.52	2	36	0.25	0.43	0.49	1	1364	'06-07
225437	3	38	0.23	0.42	0.49	8	36	0.24	0.43	0.48	1	1364	'06-07
226556	7	28	0.64	0.48	0.49	6	28	0.64	0.48	0.51	1	1364	'06-07
226556	1	28	0.65	0.48	0.47	6	28	0.64	0.48	0.51	1	1364	'06-07
226573	8	49	0.52	0.5	0.41	3	51	0.56	0.5	0.44	1	1364	'06-07
226573	2	49	0.53	0.5	0.39	9	51	0.58	0.49	0.42	1	1364	'06-07
233602	5	51	0.53	0.5	0.4	2	51	0.52	0.5	0.42	1	1364	'06-07
233602	5	51	0.53	0.5	0.4	8	51	0.52	0.5	0.42	1	1364	'06-07
233609	9	64	1.13	0.94	0.6	1	64	1.08	0.96	0.57	4	1364	'06-07
233609	3	64	1.16	0.95	0.6	7	64	1.1	0.92	0.56	4	1364	'06-07
233719	9	61	1.37	0.87	0.54	5	61	1.4	0.84	0.54	2	1364	'06-07
233719	3	61	1.4	0.86	0.52	5	61	1.4	0.84	0.54	2	1364	'06-07
234148	6	61	0.65	0.65	0.61	2	61	0.67	0.6	0.55	2	1364	'06-07
234148	6	61	0.65	0.65	0.61	8	61	0.67	0.6	0.55	2	1364	'06-07
234523	5	7	0.73	0.45	0.45	6	9	0.74	0.44	0.46	1	1364	'06-07
234524	7	49	0.53	0.5	0.37	2	49	0.46	0.5	0.29	1	1364	'06-07
234524	1	49	0.5	0.5	0.36	8	49	0.46	0.5	0.28	1	1364	'06-07
242395	5	26	0.49	0.5	0.43	5	28	0.49	0.5	0.48	1	1364	'06-07
242401	6	51	0.53	0.5	0.43	1	51	0.55	0.5	0.44	1	1364	'06-07
242401	6	51	0.53	0.5	0.43	7	51	0.57	0.5	0.46	1	1364	'06-07
256309	1	16	0.16	0.37	0.4	6	36	0.35	0.48	0.49	1	1364	'06-07
256511	5	27	0.71	0.45	0.28	2	26	0.72	0.45	0.27	1	1364	'06-07
256511	5	27	0.71	0.45	0.28	8	26	0.72	0.45	0.26	1	1364	'06-07
260926	8	64	1.35	1.23	0.69	6	20	1.29	1.19	0.67	4	1364	'06-07
260926	2	64	1.37	1.2	0.69	6	20	1.29	1.19	0.67	4	1364	'06-07

Equating Reading Grade 03

Item number		Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
201747	3	21	0.8	0.4	0.53	3	21	0.79	0.41	0.53	1	1364	'06-07
201748	3	23	0.71	0.45	0.47	3	23	0.73	0.44	0.44	1	1364	'06-07
201763	3	22	0.84	0.37	0.53	3	22	0.87	0.34	0.53	1	1364	'06-07
201764	3	24	2.07	1.34	0.58	3	24	2.28	1.39	0.61	4	1364	'06-07
201825	1	42	0.56	0.5	0.53	1	42	0.62	0.49	0.53	1	1364	'06-07
201830	1	44	0.66	0.47	0.52	1	44	0.68	0.47	0.5	1	1364	'06-07
201831	1	45	0.88	0.32	0.47	1	45	0.89	0.31	0.46	1	1364	'06-07
201836	1	48	0.66	0.47	0.36	1	48	0.69	0.46	0.36	1	1364	'06-07
202178	2	21	0.76	0.43	0.56	2	21	0.75	0.43	0.54	1	1364	'06-07
202179	2	20	0.82	0.38	0.4	2	20	0.84	0.37	0.4	1	1364	'06-07
202180	2	22	0.71	0.45	0.45	2	22	0.75	0.44	0.43	1	1364	'06-07
202183	2	23	0.77	0.42	0.39	2	23	0.79	0.41	0.39	1	1364	'06-07
202194	3	18	0.89	0.31	0.46	3	18	0.9	0.3	0.5	1	1364	'06-07
205940	1	46	2.29	1.27	0.61	1	46	2.41	1.29	0.57	4	1364	'06-07
225214	3	42	0.7	0.46	0.32	3	42	0.72	0.45	0.32	1	1364	'06-07
225216	3	43	0.75	0.43	0.57	3	43	0.78	0.42	0.6	1	1364	'06-07
225218	3	44	0.8	0.4	0.5	3	44	0.81	0.39	0.53	1	1364	'06-07
225220	3	45	0.77	0.42	0.49	3	45	0.77	0.42	0.52	1	1364	'06-07
225230	3	47	0.49	0.5	0.31	3	47	0.48	0.5	0.32	1	1364	'06-07
225233	3	49	0.73	0.45	0.5	3	49	0.73	0.44	0.5	1	1364	'06-07
225237	3	48	0.7	0.46	0.46	3	48	0.69	0.46	0.44	1	1364	'06-07
225240	3	50	0.67	0.47	0.5	3	50	0.66	0.47	0.52	1	1364	'06-07
225242	3	46	3.47	0.94	0.58	3	46	3.52	0.88	0.58	4	1364	'06-07
225253	3	51	1.93	1.11	0.58	3	51	1.81	1.07	0.58	4	1364	'06-07
226283	3	19	0.84	0.37	0.37	3	19	0.86	0.35	0.41	1	1364	'06-07
226289	2	19	0.85	0.35	0.48	2	19	0.83	0.38	0.49	1	1364	'06-07
226290	1	19	0.87	0.34	0.55	1	19	0.86	0.35	0.56	1	1364	'06-07
230973	2	24	1.77	1.13	0.53	2	24	1.83	1.12	0.51	4	1364	'06-07
230976	1	43	0.6	0.49	0.36	1	43	0.63	0.48	0.38	1	1364	'06-07
230977	1	47	0.58	0.49	0.36	1	47	0.58	0.49	0.36	1	1364	'06-07
230978	1	49	0.56	0.5	0.28	1	49	0.55	0.5	0.27	1	1364	'06-07
230979	1	50	0.77	0.42	0.4	1	50	0.82	0.38	0.41	1	1364	'06-07
230980	1	51	1.48	1.06	0.6	1	51	1.51	1.09	0.58	4	1364	'06-07
230988	3	20	0.74	0.44	0.54	3	20	0.74	0.44	0.52	1	1364	'06-07
255324	6	42	0.73	0.45	0.27	2	42	0.75	0.43	0.24	1	1364	'06-07
255326	6	43	0.66	0.47	0.46	2	43	0.7	0.46	0.47	1	1364	'06-07
255326	4	43	0.65	0.48	0.45	2	43	0.7	0.46	0.47	1	1364	'06-07
255327	6	44	0.76	0.43	0.4	2	44	0.77	0.42	0.35	1	1364	'06-07
255328	6	47	0.79	0.41	0.47	2	47	0.82	0.39	0.45	1	1364	'06-07
255328	4	47	0.78	0.41	0.49	2	47	0.82	0.39	0.45	1	1364	'06-07
255331	6	48	0.6	0.49	0.32	2	48	0.6	0.49	0.3	1	1364	'06-07
255333	6	49	0.57	0.5	0.37	2	49	0.54	0.5	0.33	1	1364	'06-07

Equating Reading Grade 03

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
255334	6	50	0.76	0.43	0.43	2	50	0.69	0.46	0.37	1	1364	'06-07
255334	4	50	0.75	0.44	0.48	2	50	0.69	0.46	0.37	1	1364	'06-07
255335	6	45	0.9	0.3	0.5	2	45	0.9	0.3	0.51	1	1364	'06-07
255335	4	44	0.89	0.31	0.51	2	45	0.9	0.3	0.51	1	1364	'06-07
255336	6	51	2.16	1.2	0.56	2	51	2.22	1.2	0.53	4	1364	'06-07
255338	4	46	3.13	1.33	0.66	2	46	3.11	1.27	0.65	4	1364	'06-07
255336	8	19	0.55	0.5	0.39	1	18	0.57	0.5	0.42	1	1364	'06-07
255345	7	19	0.55	0.5	0.21	2	18	0.54	0.5	0.21	1	1364	'06-07

Equating Reading Grade 04

Item number		Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
200820	1	20	0.74	0.44	0.46	1	20	0.72	0.45	0.49	1	1364	'06-07
200822	1	21	0.81	0.39	0.41	1	21	0.82	0.39	0.43	1	1364	'06-07
200830	1	22	0.72	0.45	0.5	1	22	0.7	0.46	0.49	1	1364	'06-07
200843	1	24	2.27	1.35	0.56	1	24	2.5	1.32	0.58	4	1364	'06-07
203740	3	42	0.63	0.48	0.47	3	42	0.65	0.48	0.45	1	1364	'06-07
203743	3	44	0.55	0.5	0.39	3	43	0.57	0.49	0.46	1	1364	'06-07
203758	3	48	0.64	0.48	0.4	3	48	0.62	0.48	0.43	1	1364	'06-07
203768	3	51	1.54	1.1	0.48	3	51	1.63	1.14	0.42	4	1364	'06-07
203801	2	20	0.82	0.39	0.35	2	20	0.81	0.39	0.39	1	1364	'06-07
203806	2	22	0.77	0.42	0.46	2	22	0.76	0.43	0.43	1	1364	'06-07
203810	2	24	2.77	1.28	0.61	2	24	2.78	1.26	0.6	4	1364	'06-07
203858	2	43	0.52	0.5	0.28	2	43	0.52	0.5	0.27	1	1364	'06-07
203862	2	42	0.83	0.37	0.53	2	42	0.85	0.36	0.47	1	1364	'06-07
203871	2	50	0.54	0.5	0.3	2	50	0.53	0.5	0.26	1	1364	'06-07
203873	2	51	2.54	0.96	0.53	2	51	2.45	0.94	0.5	4	1364	'06-07
203890	1	23	0.9	0.3	0.4	1	23	0.92	0.28	0.44	1	1364	'06-07
203906	2	18	0.84	0.37	0.43	1	18	0.81	0.39	0.33	1	1364	'06-07
203922	1	18	0.8	0.4	0.34	1	19	0.79	0.4	0.34	1	1364	'06-07
203925	3	19	0.65	0.48	0.37	3	19	0.67	0.47	0.38	1	1364	'06-07
225764	1	42	0.79	0.41	0.5	1	42	0.79	0.41	0.48	1	1364	'06-07
225765	1	43	0.79	0.41	0.41	1	43	0.8	0.4	0.41	1	1364	'06-07
225766	1	44	0.64	0.48	0.38	1	44	0.62	0.48	0.42	1	1364	'06-07
225767	1	45	0.6	0.49	0.53	1	45	0.61	0.49	0.49	1	1364	'06-07
225769	1	47	0.63	0.48	0.51	1	47	0.63	0.48	0.54	1	1364	'06-07
225770	1	48	0.46	0.5	0.35	1	48	0.46	0.5	0.34	1	1364	'06-07
225772	1	49	0.72	0.45	0.51	1	49	0.72	0.45	0.52	1	1364	'06-07
225773	1	50	0.66	0.47	0.42	1	50	0.69	0.46	0.43	1	1364	'06-07
225776	1	46	2.29	1.05	0.43	1	46	2.34	1.07	0.47	4	1364	'06-07
225778	1	51	1.56	0.94	0.58	1	51	1.53	1	0.57	4	1364	'06-07
232524	2	21	0.37	0.48	0.31	2	21	0.4	0.49	0.3	1	1364	'06-07
232526	2	44	0.69	0.46	0.45	2	44	0.7	0.46	0.43	1	1364	'06-07
232528	2	46	2.82	1.42	0.48	2	46	2.67	1.5	0.45	4	1364	'06-07
232529	2	47	0.81	0.39	0.42	2	47	0.8	0.4	0.42	1	1364	'06-07
232530	2	48	0.66	0.47	0.48	2	48	0.66	0.47	0.46	1	1364	'06-07
232542	2	49	0.77	0.42	0.52	2	49	0.78	0.42	0.48	1	1364	'06-07
232569	2	19	0.85	0.35	0.53	2	19	0.85	0.36	0.49	1	1364	'06-07
232589	3	43	0.56	0.5	0.37	3	44	0.57	0.5	0.42	1	1364	'06-07
232592	3	45	0.44	0.5	0.23	3	47	0.48	0.5	0.27	1	1364	'06-07
232595	3	46	2.11	1.16	0.39	3	46	2.25	1.17	0.42	4	1364	'06-07
232647	3	47	0.53	0.5	0.33	3	45	0.51	0.5	0.32	1	1364	'06-07
232657	3	49	0.71	0.45	0.39	3	50	0.7	0.46	0.37	1	1364	'06-07
232664	3	50	0.84	0.37	0.5	3	49	0.83	0.37	0.49	1	1364	'06-07

Equating Reading Grade 04

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
234353	2	23	0.69	0.46	0.42	2	23	0.68	0.46	0.42	1	1364	'06-07
243661	2	45	0.78	0.41	0.41	2	45	0.8	0.4	0.38	1	1364	'06-07
255633	6	18	0.65	0.48	0.36	3	18	0.7	0.46	0.4	1	1364	'06-07
255637	7	19	0.68	0.47	0.36	2	18	0.65	0.48	0.4	1	1364	'06-07

Equating Reading Grade 05

Item number		Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
201746	1	20	0.89	0.31	0.34	2	20	0.9	0.3	0.26	1	1364	'06-07
201752	1	22	0.46	0.5	0.27	2	22	0.48	0.5	0.26	1	1364	'06-07
201757	1	23	0.64	0.48	0.36	2	23	0.63	0.48	0.37	1	1364	'06-07
201760	1	21	0.48	0.5	0.31	2	21	0.44	0.5	0.33	1	1364	'06-07
201769	1	24	1.9	1.06	0.64	2	24	1.86	1.04	0.66	4	1364	'06-07
201902	3	20	0.64	0.48	0.3	3	20	0.64	0.48	0.28	1	1364	'06-07
201904	3	22	0.77	0.42	0.22	3	22	0.77	0.42	0.24	1	1364	'06-07
201906	3	21	0.74	0.44	0.55	3	21	0.74	0.44	0.48	1	1364	'06-07
201911	3	24	1.68	0.97	0.66	3	24	1.83	0.95	0.66	4	1364	'06-07
201923	2	20	0.81	0.39	0.37	1	20	0.8	0.4	0.37	1	1364	'06-07
201924	2	21	0.76	0.43	0.49	1	21	0.76	0.43	0.49	1	1364	'06-07
201928	2	22	0.65	0.48	0.49	1	22	0.65	0.48	0.47	1	1364	'06-07
201937	2	24	1.75	1.13	0.64	1	24	1.78	1.07	0.65	4	1364	'06-07
202056	1	43	0.68	0.47	0.36	1	43	0.72	0.45	0.36	1	1364	'06-07
202059	1	44	0.72	0.45	0.45	1	44	0.73	0.45	0.44	1	1364	'06-07
202061	1	47	0.52	0.5	0.43	1	47	0.53	0.5	0.44	1	1364	'06-07
202063	1	45	0.74	0.44	0.55	1	45	0.73	0.44	0.51	1	1364	'06-07
202065	1	49	0.61	0.49	0.47	1	49	0.61	0.49	0.46	1	1364	'06-07
202069	1	50	0.56	0.5	0.43	1	50	0.56	0.5	0.4	1	1364	'06-07
202072	1	46	1.56	1	0.68	1	46	1.62	1.01	0.66	4	1364	'06-07
202075	1	51	1.73	0.87	0.59	1	51	1.79	0.91	0.58	4	1364	'06-07
226477	3	42	0.82	0.38	0.42	3	42	0.82	0.39	0.39	1	1364	'06-07
226487	3	43	0.6	0.49	0.41	3	43	0.62	0.49	0.42	1	1364	'06-07
226490	3	44	0.57	0.49	0.19	3	44	0.6	0.49	0.19	1	1364	'06-07
226498	3	45	0.83	0.38	0.38	3	45	0.81	0.39	0.35	1	1364	'06-07
226500	3	47	0.75	0.43	0.48	3	47	0.73	0.44	0.48	1	1364	'06-07
226502	3	48	0.82	0.38	0.54	3	48	0.81	0.39	0.5	1	1364	'06-07
226508	3	50	0.68	0.47	0.34	3	50	0.68	0.47	0.31	1	1364	'06-07
226510	3	49	0.57	0.5	0.27	3	49	0.59	0.49	0.26	1	1364	'06-07
226515	3	46	1.4	1.02	0.66	3	46	1.39	0.99	0.67	4	1364	'06-07
226517	3	51	1.64	0.96	0.63	3	51	1.66	0.91	0.59	4	1364	'06-07
226597	3	19	0.79	0.41	0.43	3	19	0.77	0.42	0.38	1	1364	'06-07
226598	2	19	0.73	0.44	0.37	2	19	0.74	0.44	0.39	1	1364	'06-07
226599	2	18	0.72	0.45	0.44	2	18	0.8	0.4	0.46	1	1364	'06-07
226600	3	18	0.81	0.39	0.42	3	18	0.78	0.41	0.34	1	1364	'06-07
227093	1	42	0.62	0.49	0.33	1	42	0.65	0.48	0.31	1	1364	'06-07
230632	2	23	0.85	0.36	0.44	1	23	0.83	0.38	0.47	1	1364	'06-07
230723	3	23	0.46	0.5	0.34	3	23	0.48	0.5	0.33	1	1364	'06-07
233190	1	48	0.72	0.45	0.48	1	48	0.73	0.44	0.48	1	1364	'06-07
256354	5	44	0.59	0.49	0.25	2	44	0.58	0.49	0.27	1	1364	'06-07
256359	7	45	0.91	0.29	0.4	2	45	0.89	0.31	0.44	1	1364	'06-07
256368	7	49	0.72	0.45	0.41	2	42	0.67	0.47	0.44	1	1364	'06-07

Equating Reading Grade 05

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
256370	5	51	1.55	0.95	0.56	2	51	1.58	0.88	0.61	4	1364	'06-07
256397	5	48	0.7	0.46	0.37	2	47	0.69	0.46	0.41	1	1364	'06-07
256403	5	49	0.58	0.49	0.36	2	48	0.62	0.48	0.36	1	1364	'06-07
256409	7	48	0.79	0.41	0.47	2	49	0.76	0.42	0.48	1	1364	'06-07
256411	7	50	0.65	0.48	0.37	2	50	0.64	0.48	0.35	1	1364	'06-07
256415	7	46	1.53	0.93	0.58	2	46	1.7	1	0.62	4	1364	'06-07
256829	9	18	0.53	0.5	0.4	1	19	0.55	0.5	0.41	1	1364	'06-07
256837	7	19	0.79	0.41	0.31	1	18	0.78	0.42	0.32	1	1364	'06-07
257391	5	43	0.87	0.34	0.37	2	43	0.88	0.32	0.37	1	1364	'06-07

Equating Reading Grade 06

Item number		Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
200339	1	21	0.51	0.5	0.34	2	21	0.54	0.5	0.33	1	1364	'06-07
200342	1	22	0.65	0.48	0.4	2	22	0.65	0.48	0.38	1	1364	'06-07
200345	1	23	0.76	0.43	0.47	2	23	0.75	0.43	0.44	1	1364	'06-07
200348	1	24	2.03	1.03	0.64	2	24	2.02	1.02	0.64	4	1364	'06-07
204009	2	43	0.85	0.36	0.52	2	43	0.86	0.34	0.52	1	1364	'06-07
204011	2	49	0.9	0.3	0.5	2	49	0.9	0.3	0.46	1	1364	'06-07
204013	2	44	0.76	0.43	0.5	2	44	0.78	0.42	0.48	1	1364	'06-07
204014	2	45	0.86	0.35	0.52	2	45	0.87	0.34	0.48	1	1364	'06-07
204017	2	50	0.93	0.26	0.41	2	50	0.91	0.28	0.4	1	1364	'06-07
204020	2	48	0.75	0.43	0.43	2	48	0.74	0.44	0.44	1	1364	'06-07
204021	2	47	0.55	0.5	0.38	2	47	0.6	0.49	0.36	1	1364	'06-07
204022	2	51	1.85	0.96	0.62	2	51	1.83	0.95	0.64	4	1364	'06-07
204026	2	46	2.05	0.93	0.58	2	46	1.94	0.91	0.65	4	1364	'06-07
204262	1	42	0.65	0.48	0.45	1	42	0.63	0.48	0.43	1	1364	'06-07
204266	1	45	0.71	0.45	0.4	1	45	0.72	0.45	0.4	1	1364	'06-07
204271	1	43	0.5	0.5	0.46	1	43	0.51	0.5	0.42	1	1364	'06-07
204274	1	44	0.71	0.45	0.5	1	44	0.73	0.44	0.52	1	1364	'06-07
204278	1	47	0.65	0.48	0.41	1	47	0.65	0.48	0.39	1	1364	'06-07
204283	1	48	0.61	0.49	0.46	1	48	0.62	0.49	0.45	1	1364	'06-07
204284	1	49	0.71	0.46	0.47	1	49	0.71	0.45	0.46	1	1364	'06-07
204287	1	50	0.6	0.49	0.49	1	50	0.61	0.49	0.49	1	1364	'06-07
204294	1	46	1.53	0.96	0.62	1	46	1.51	0.93	0.66	4	1364	'06-07
204298	1	51	1.47	1.03	0.67	1	51	1.5	1.01	0.64	4	1364	'06-07
204474	3	18	0.7	0.46	0.18	1	18	0.68	0.47	0.19	1	1364	'06-07
204479	1	19	0.57	0.49	0.21	2	18	0.64	0.48	0.19	1	1364	'06-07
204491	3	19	0.6	0.49	0.39	1	19	0.63	0.48	0.41	1	1364	'06-07
226657	3	23	0.69	0.46	0.4	1	23	0.69	0.46	0.43	1	1364	'06-07
226659	3	20	0.7	0.46	0.37	1	20	0.7	0.46	0.39	1	1364	'06-07
226667	3	22	0.94	0.23	0.36	1	22	0.94	0.23	0.29	1	1364	'06-07
226669	3	24	1.83	0.87	0.58	1	24	1.79	0.89	0.61	4	1364	'06-07
226697	3	42	0.7	0.46	0.47	3	42	0.76	0.43	0.46	1	1364	'06-07
226699	3	43	0.87	0.34	0.43	3	43	0.89	0.31	0.4	1	1364	'06-07
226702	3	44	0.79	0.41	0.43	3	44	0.79	0.41	0.39	1	1364	'06-07
226719	3	45	0.84	0.37	0.5	3	45	0.86	0.35	0.47	1	1364	'06-07
226722	3	47	0.66	0.47	0.42	3	47	0.67	0.47	0.37	1	1364	'06-07
226723	3	48	0.89	0.31	0.51	3	48	0.89	0.32	0.45	1	1364	'06-07
226725	3	50	0.76	0.43	0.49	3	50	0.77	0.42	0.48	1	1364	'06-07
226728	3	49	0.78	0.41	0.44	3	49	0.79	0.41	0.43	1	1364	'06-07
226730	3	46	1.8	1	0.62	3	46	1.72	0.99	0.61	4	1364	'06-07
226735	3	51	1.56	1.05	0.63	3	51	1.53	0.95	0.64	4	1364	'06-07
226737	2	18	0.88	0.32	0.42	2	19	0.9	0.3	0.42	1	1364	'06-07
227775	1	20	0.83	0.38	0.41	2	20	0.83	0.38	0.43	1	1364	'06-07

Equating Reading Grade 06

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
227780	2	42	0.84	0.37	0.53	2	42	0.85	0.36	0.53	1	1364	'06-07
230176	3	21	0.89	0.32	0.38	1	21	0.88	0.33	0.37	1	1364	'06-07
256334	5	20	0.71	0.45	0.39	3	20	0.74	0.44	0.41	1	1364	'06-07
256337	7	21	0.86	0.34	0.39	3	21	0.86	0.35	0.37	1	1364	'06-07
256342	5	23	0.82	0.38	0.32	3	22	0.81	0.39	0.31	1	1364	'06-07
256346	7	23	0.54	0.5	0.2	3	23	0.53	0.5	0.2	1	1364	'06-07
256347	5	24	1.62	0.89	0.53	3	24	1.72	0.82	0.55	4	1364	'06-07
256651	7	19	0.54	0.5	0.34	3	19	0.57	0.5	0.31	1	1364	'06-07
256674	4	18	0.61	0.49	0.26	3	18	0.62	0.49	0.26	1	1364	'06-07

Equating Reading Grade 07

Item number		Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
199526	2	42	0.64	0.48	0.21	2	42	0.66	0.47	0.14	1	1364	'06-07
199527	2	43	0.67	0.47	0.31	2	43	0.7	0.46	0.29	1	1364	'06-07
199528	2	44	0.68	0.47	0.45	2	44	0.67	0.47	0.41	1	1364	'06-07
199529	2	47	0.78	0.42	0.48	2	47	0.77	0.42	0.46	1	1364	'06-07
199530	2	45	0.48	0.5	0.38	2	45	0.52	0.5	0.4	1	1364	'06-07
199531	2	48	0.71	0.45	0.45	2	48	0.74	0.44	0.45	1	1364	'06-07
199532	2	49	0.72	0.45	0.5	2	49	0.76	0.43	0.49	1	1364	'06-07
199533	2	50	0.84	0.37	0.5	2	50	0.86	0.34	0.49	1	1364	'06-07
199535	2	46	1.83	0.96	0.69	2	46	1.86	0.93	0.63	4	1364	'06-07
199536	2	51	1.84	0.92	0.62	2	51	2.07	0.92	0.59	4	1364	'06-07
199562	3	21	0.76	0.43	0.42	3	21	0.79	0.41	0.42	1	1364	'06-07
199563	3	20	0.69	0.46	0.35	3	20	0.7	0.46	0.29	1	1364	'06-07
199565	3	22	0.87	0.33	0.41	3	22	0.87	0.33	0.45	1	1364	'06-07
199568	3	23	0.59	0.49	0.29	3	23	0.59	0.49	0.26	1	1364	'06-07
199569	3	24	2.01	0.91	0.61	3	24	2.16	1	0.6	4	1364	'06-07
199597	1	42	0.45	0.5	0.23	1	42	0.46	0.5	0.25	1	1364	'06-07
199598	1	44	0.85	0.36	0.43	1	43	0.86	0.35	0.42	1	1364	'06-07
199599	1	45	0.86	0.35	0.4	1	44	0.87	0.34	0.41	1	1364	'06-07
199603	1	48	0.54	0.5	0.37	1	47	0.57	0.5	0.35	1	1364	'06-07
199604	1	49	0.81	0.39	0.45	1	48	0.82	0.39	0.51	1	1364	'06-07
199605	1	50	0.78	0.42	0.49	1	49	0.77	0.42	0.51	1	1364	'06-07
199608	1	51	1.81	1.07	0.58	1	51	1.98	1.07	0.61	4	1364	'06-07
199609	1	46	1.71	0.94	0.64	1	46	1.82	0.95	0.63	4	1364	'06-07
201466	3	49	0.7	0.46	0.35	3	49	0.73	0.44	0.4	1	1364	'06-07
201468	3	42	0.82	0.38	0.5	3	42	0.84	0.37	0.5	1	1364	'06-07
201470	3	48	0.89	0.31	0.39	3	48	0.91	0.28	0.42	1	1364	'06-07
201472	3	43	0.79	0.4	0.38	3	43	0.83	0.38	0.4	1	1364	'06-07
201476	3	44	0.84	0.37	0.56	3	44	0.86	0.35	0.55	1	1364	'06-07
201479	3	47	0.74	0.44	0.47	3	47	0.74	0.44	0.49	1	1364	'06-07
201482	3	45	0.6	0.49	0.38	3	45	0.61	0.49	0.35	1	1364	'06-07
201487	3	50	0.89	0.32	0.39	3	50	0.91	0.29	0.41	1	1364	'06-07
201490	3	51	1.86	1	0.68	3	51	2.1	0.93	0.64	4	1364	'06-07
201492	3	46	1.75	1.04	0.69	3	46	1.92	1.01	0.6	4	1364	'06-07
201523	1	20	0.73	0.44	0.4	1	20	0.72	0.45	0.38	1	1364	'06-07
201529	1	21	0.61	0.49	0.37	1	21	0.63	0.48	0.36	1	1364	'06-07
201530	1	23	0.48	0.5	0.35	1	23	0.49	0.5	0.36	1	1364	'06-07
201532	1	22	0.79	0.41	0.43	1	22	0.8	0.4	0.41	1	1364	'06-07
201535	1	24	1.79	1.02	0.7	1	24	1.96	1.02	0.64	4	1364	'06-07
201648	2	18	0.72	0.45	0.31	3	18	0.73	0.45	0.36	1	1364	'06-07
226905	2	19	0.72	0.45	0.36	3	19	0.73	0.45	0.36	1	1364	'06-07
226906	3	18	0.63	0.48	0.35	2	18	0.64	0.48	0.39	1	1364	'06-07
233750	1	47	0.64	0.48	0.35	1	45	0.61	0.49	0.35	1	1364	'06-07

Equating Reading Grade 07

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
256093	4	20	0.74	0.44	0.41	2	20	0.73	0.45	0.44	1	1364	'06-07
256096	4	21	0.87	0.34	0.37	2	21	0.86	0.35	0.4	1	1364	'06-07
256099	4	22	0.86	0.34	0.43	2	22	0.85	0.35	0.44	1	1364	'06-07
256100	6	22	0.47	0.5	0.29	2	23	0.47	0.5	0.29	1	1364	'06-07
256108	4	24	1.56	1.02	0.65	2	24	1.84	1.05	0.64	4	1364	'06-07
256172	6	19	0.89	0.31	0.37	1	19	0.88	0.32	0.41	1	1364	'06-07
256176	5	19	0.82	0.39	0.26	2	19	0.83	0.38	0.34	1	1364	'06-07
256189	5	18	0.91	0.28	0.29	1	18	0.91	0.29	0.34	1	1364	'06-07

Equating Reading Grade 08

Item number		Old position	oldmean	oldstd	oldcorrwtotl	form	position	mean	std	corrwtotl	MAX	Old Contract	Old TestYear
199665	3	47	0.67	0.47	0.51	3	47	0.68	0.47	0.5	1	1364	'06-07
199666	3	44	0.72	0.45	0.37	3	44	0.69	0.46	0.33	1	1364	'06-07
199668	3	45	0.84	0.37	0.44	3	45	0.84	0.37	0.41	1	1364	'06-07
199670	3	49	0.69	0.46	0.39	3	49	0.67	0.47	0.37	1	1364	'06-07
199671	3	50	0.44	0.5	0.27	3	50	0.46	0.5	0.27	1	1364	'06-07
199674	3	46	2.01	1.05	0.64	3	46	2.2	1.03	0.67	4	1364	'06-07
199675	3	51	2.27	1.05	0.67	3	51	2.33	0.98	0.71	4	1364	'06-07
204093	2	44	0.84	0.37	0.47	1	44	0.82	0.38	0.49	1	1364	'06-07
204095	2	43	0.5	0.5	0.45	1	43	0.4	0.49	0.36	1	1364	'06-07
204100	2	45	0.67	0.47	0.29	1	45	0.68	0.47	0.35	1	1364	'06-07
204102	2	49	0.76	0.43	0.39	1	49	0.75	0.44	0.39	1	1364	'06-07
204106	2	47	0.67	0.47	0.32	1	47	0.64	0.48	0.32	1	1364	'06-07
204122	2	50	0.78	0.41	0.39	1	50	0.76	0.43	0.44	1	1364	'06-07
204128	2	46	1.76	0.99	0.63	1	46	1.85	1.12	0.67	4	1364	'06-07
204133	2	51	2.14	0.98	0.64	1	51	2.15	0.98	0.7	4	1364	'06-07
204140	1	20	0.71	0.46	0.48	1	20	0.7	0.46	0.48	1	1364	'06-07
204144	1	22	0.74	0.44	0.52	1	22	0.73	0.44	0.54	1	1364	'06-07
204147	1	23	0.74	0.44	0.5	1	23	0.74	0.44	0.53	1	1364	'06-07
204155	1	24	1.9	1.05	0.67	1	24	1.98	1.09	0.7	4	1364	'06-07
226240	2	22	0.82	0.39	0.52	2	22	0.8	0.4	0.51	1	1364	'06-07
226244	2	20	0.86	0.35	0.51	2	20	0.87	0.34	0.49	1	1364	'06-07
226246	2	21	0.89	0.31	0.45	2	21	0.9	0.3	0.43	1	1364	'06-07
226247	2	24	2.12	0.93	0.64	2	24	2.24	0.9	0.66	4	1364	'06-07
230175	2	23	0.81	0.39	0.51	2	23	0.79	0.41	0.47	1	1364	'06-07
233566	2	42	0.91	0.29	0.41	1	42	0.89	0.31	0.46	1	1364	'06-07
233567	2	48	0.84	0.36	0.41	1	48	0.83	0.38	0.43	1	1364	'06-07
233690	3	42	0.82	0.38	0.5	3	42	0.83	0.38	0.49	1	1364	'06-07
233691	3	43	0.77	0.42	0.44	3	43	0.79	0.4	0.43	1	1364	'06-07
233958	3	18	0.83	0.37	0.39	3	18	0.81	0.39	0.38	1	1364	'06-07
234521	3	48	0.74	0.44	0.49	3	48	0.73	0.44	0.48	1	1364	'06-07
243072	1	18	0.59	0.49	0.35	1	19	0.61	0.49	0.34	1	1364	'06-07
255934	6	42	0.64	0.48	0.18	2	42	0.62	0.49	0.16	1	1364	'06-07
255938	6	43	0.79	0.41	0.29	2	43	0.8	0.4	0.33	1	1364	'06-07
255939	6	44	0.78	0.42	0.37	2	44	0.8	0.4	0.36	1	1364	'06-07
255939	4	44	0.79	0.41	0.37	2	44	0.8	0.4	0.36	1	1364	'06-07
255942	4	45	0.73	0.44	0.4	2	45	0.73	0.44	0.41	1	1364	'06-07
255944	6	45	0.84	0.36	0.34	2	47	0.85	0.35	0.31	1	1364	'06-07
255944	4	47	0.86	0.34	0.3	2	47	0.85	0.35	0.31	1	1364	'06-07
255946	6	48	0.77	0.42	0.33	2	48	0.8	0.4	0.32	1	1364	'06-07
255947	4	48	0.43	0.49	0.32	2	49	0.41	0.49	0.32	1	1364	'06-07
255960	6	50	0.84	0.37	0.44	2	50	0.87	0.34	0.41	1	1364	'06-07
255960	4	50	0.87	0.33	0.43	2	50	0.87	0.34	0.41	1	1364	'06-07

Equating Reading Grade 08

Item number	oldform	Old position	oldmean	oldstd	oldcorrwtot	form	position	mean	std	corrwtot	MAX	Old Contract	Old TestYear
255965	6	51	2.04	1	0.62	2	51	2.16	1	0.65	4	1364	'06-07
255976	4	46	1.7	0.99	0.62	2	46	1.96	0.98	0.66	4	1364	'06-07
256257	5	19	0.62	0.48	0.33	2	19	0.66	0.47	0.32	1	1364	'06-07
256279	7	18	0.86	0.35	0.34	3	19	0.86	0.35	0.31	1	1364	'06-07
256280	4	18	0.87	0.34	0.25	1	18	0.86	0.35	0.23	1	1364	'06-07
256287	7	19	0.88	0.33	0.36	2	18	0.88	0.32	0.35	1	1364	'06-07
260013	1	21	0.32	0.47	0.3	1	21	0.32	0.47	0.31	1	1364	'06-07

SECTION II.E

NECAP
Tabled Delta Analysis Results

Delta Analysis Math Grade 03

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
198283	0.82	0.84	9.3385	9.0222	9.0756	1	FALSE	-0.1005
198292	0.74	0.76	10.4266	10.1748	10.2567	1	FALSE	-0.433
198465	0.59	0.61	12.0898	11.8827	12.0068	1	FALSE	-0.7437
198465	0.6	0.61	11.9866	11.8827	12.0068	1	FALSE	-0.9678
198468	0.79	0.79	9.7743	9.7743	9.8463	1	FALSE	-0.7829
198517	1.46	1.44	10.5487	10.6686	10.7627	2	FALSE	-0.2756
198517	1.46	1.48	10.5487	10.4266	10.5147	2	FALSE	-0.9186
198521	0.83	0.89	13.8588	13.5532	13.7187	2	FALSE	-0.5394
198551	0.85	0.85	8.8543	8.8543	8.9035	1	FALSE	-0.8642
198557	0.85	0.87	8.8543	8.4944	8.5348	1	FALSE	0.1014
198557	0.85	0.86	8.8543	8.6787	8.7236	1	FALSE	-0.5733
198573	0.81	0.81	9.4884	9.4884	9.5533	1	FALSE	-0.8082
198577	0.89	0.88	8.0939	8.3001	8.3356	1	FALSE	-0.1766
198577	0.89	0.88	8.0939	8.3001	8.3356	1	FALSE	-0.1766
198582	0.49	0.51	13.1003	12.8997	13.049	1	FALSE	-0.8569
198582	0.49	0.49	13.1003	13.1003	13.2545	1	FALSE	-0.4891
198636	1.4	1.36	10.9024	11.1292	11.2347	2	FALSE	0.1471
201312	0.84	0.85	9.0222	8.8543	8.9035	1	FALSE	-0.6161
201312	0.84	0.86	9.0222	8.6787	8.7236	1	FALSE	0.0266
201401	0.86	0.83	8.6787	9.1833	9.2407	1	FALSE	0.9678
201401	0.86	0.84	8.6787	9.0222	9.0756	1	FALSE	0.3777
201404	0.74	0.76	10.4266	10.1748	10.2567	1	FALSE	-0.433
201404	0.74	0.74	10.4266	10.4266	10.5147	1	FALSE	-0.7253
201416	0.71	0.65	10.7865	11.4587	11.5724	1	FALSE	1.7678
201416	0.71	0.64	10.7865	11.5662	11.6825	1	FALSE	2.1612
201446	0.52	0.52	12.7994	12.7994	12.9462	1	FALSE	-0.5156
201446	0.52	0.51	12.7994	12.8997	13.049	1	FALSE	-0.1483
201459	0.51	0.49	12.8997	13.1003	13.2545	1	FALSE	0.2275
201459	0.51	0.5	12.8997	13	13.1518	1	FALSE	-0.1396
201477	0.74	0.73	10.4266	10.5487	10.6399	1	FALSE	-0.2781
201477	0.74	0.72	10.4266	10.6686	10.7627	1	FALSE	0.1608
201481	0.77	0.78	10.0446	9.9112	9.9866	1	FALSE	-0.8329
201481	0.77	0.79	10.0446	9.7743	9.8463	1	FALSE	-0.3316
201520	0.7	0.68	10.9024	11.1292	11.2347	1	FALSE	0.1471
201520	0.7	0.66	10.9024	11.3501	11.4611	1	FALSE	0.9561
201581	0.69	0.6	11.0166	11.9866	12.1133	1	FALSE	2.8783
201604	0.57	0.55	12.2945	12.4974	12.6367	1	FALSE	0.1824
201604	0.56	0.55	12.3961	12.4974	12.6367	1	FALSE	-0.1806
201614	0.81	0.82	9.4884	9.3385	9.3998	1	FALSE	-0.7233
201614	0.81	0.82	9.4884	9.3385	9.3998	1	FALSE	-0.7233
201619	0.8	0.85	9.6335	8.8543	8.9035	1	FALSE	1.5682
201619	0.8	0.85	9.6335	8.8543	8.9035	1	FALSE	1.5682
201754	1.32	1.36	11.3501	11.1292	11.2347	2	FALSE	-0.6276
201754	1.32	1.34	11.3501	11.2403	11.3486	2	FALSE	-1.0346

Delta Analysis Math Grade 03

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
201800	0.85	0.88	8.8543	8.3001	8.3356	1	FALSE	0.8131
201811	0.77	0.75	10.0446	10.302	10.3871	1	FALSE	0.1835
201811	0.77	0.76	10.0446	10.1748	10.2567	1	FALSE	-0.2824
201851	0.65	0.65	11.4587	11.4587	11.5724	1	FALSE	-0.6341
201890	0.86	0.88	8.6787	8.3001	8.3356	1	FALSE	0.1859
201890	0.86	0.89	8.6787	8.0939	8.1243	1	FALSE	0.9407
202089	0.83	0.93	13.8588	13.3514	13.5118	2	FALSE	0.1996
202089	0.83	0.92	13.8588	13.4017	13.5634	2	FALSE	0.0152
205957	0.34	0.53	14.6499	12.6989	12.8432	1	TRUE	5.4148
223879	0.84	0.84	9.0222	9.0222	9.0756	1	FALSE	-0.8494
223883	0.76	0.75	10.1748	10.302	10.3871	1	FALSE	-0.2816
223883	0.76	0.75	10.1748	10.302	10.3871	1	FALSE	-0.2816
223892	0.82	0.78	9.3385	9.9112	9.9866	1	FALSE	1.2753
223896	0.82	0.8	9.3385	9.6335	9.702	1	FALSE	0.2586
223920	0.65	0.68	11.4587	11.1292	11.2347	1	FALSE	-0.2397
223920	0.65	0.71	11.4587	10.7865	10.8835	1	FALSE	1.0152
223923	0.68	0.72	14.6499	14.4338	14.621	2	FALSE	-0.9372
226696	0.71	0.73	10.7865	10.5487	10.6399	1	FALSE	-0.5164
226937	0.6	0.63	11.9866	11.6726	11.7915	1	FALSE	-0.3431
226937	0.6	0.63	11.9866	11.6726	11.7915	1	FALSE	-0.3431
226943	0.69	0.72	11.0166	10.6686	10.7627	1	FALSE	-0.1331
226943	0.7	0.72	10.9024	10.6686	10.7627	1	FALSE	-0.5411
226945	0.58	0.62	12.1924	11.7781	11.8996	1	FALSE	0.0061
226945	0.58	0.62	12.1924	11.7781	11.8996	1	FALSE	0.0061
226965	0.62	0.63	11.7781	11.6726	11.7915	1	FALSE	-0.9921
226979	0.54	0.6	12.5983	11.9866	12.1133	1	FALSE	0.6926
227039	0.52	0.46	12.7994	13.4017	13.5634	1	FALSE	1.6897
227127	0.87	0.94	13.6546	13.3011	13.4603	2	FALSE	-0.3457
227127	0.88	0.88	13.6039	13.6039	13.7706	2	FALSE	-0.4446
231017	0.68	0.71	14.6499	14.4874	14.676	2	FALSE	-0.9468
231017	0.68	0.68	14.6499	14.6499	14.8424	2	FALSE	-0.3522
242779	0.9	0.95	13.5026	13.2508	13.4088	2	FALSE	-0.7048
242782	1.42	1.51	10.7865	10.2388	10.3222	2	FALSE	0.6185
255686	0.76	0.76	10.1748	10.1748	10.2567	1	FALSE	-0.7475
255686	0.75	0.76	10.302	10.1748	10.2567	1	FALSE	-0.8781
255983	0.5	0.55	13	12.4974	12.6367	1	FALSE	0.258

Delta Analysis Math Grade 04

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
198327	0.93	0.92	7.0968	7.3797	7.3697	1	FALSE	-0.2553
198327	0.93	0.93	7.0968	7.0968	7.0776	1	FALSE	-0.9445
198328	0.35	0.4	14.5413	14.0134	14.2201	1	FALSE	-0.1239
198328	0.35	0.39	14.5413	14.1173	14.3274	1	FALSE	-0.4155
198381	0.69	0.72	11.0166	10.6686	10.7661	1	FALSE	-0.316
198381	0.7	0.72	10.9024	10.6686	10.7661	1	FALSE	-0.6263
198384	0.52	0.52	12.7994	12.7994	12.9664	1	FALSE	-0.5429
198400	0.74	0.7	10.4266	10.9024	11.0075	1	FALSE	0.5817
198400	0.74	0.71	10.4266	10.7865	10.8877	1	FALSE	0.2563
198401	0.76	0.7	10.1748	10.9024	11.0075	1	FALSE	1.266
198401	0.76	0.71	10.1748	10.7865	10.8877	1	FALSE	0.9407
198411	0.32	0.47	14.8708	13.3011	13.4845	1	FALSE	2.7705
198426	0.77	0.8	10.0446	9.6335	9.6971	1	FALSE	-0.0525
198426	0.77	0.8	10.0446	9.6335	9.6971	1	FALSE	-0.0525
198430	0.87	0.86	8.4944	8.6787	8.7112	1	FALSE	-0.4079
198430	0.87	0.85	8.4944	8.8543	8.8924	1	FALSE	0.0847
198431	0.84	0.76	13.8076	14.2219	14.4354	2	FALSE	0.7094
198442	1.29	1.17	11.5126	12.1412	12.2867	2	FALSE	1.107
198442	1.29	1.17	11.5126	12.1412	12.2867	2	FALSE	1.107
202322	0.86	0.85	8.6787	8.8543	8.8924	1	FALSE	-0.4161
202322	0.85	0.85	8.8543	8.8543	8.8924	1	FALSE	-0.8931
202331	0.8	0.8	9.6335	9.6335	9.6971	1	FALSE	-0.824
202331	0.8	0.8	9.6335	9.6335	9.6971	1	FALSE	-0.824
202347	0.7	0.73	10.9024	10.5487	10.6423	1	FALSE	-0.2899
202354	0.5	0.52	13	12.7994	12.9664	1	FALSE	-0.9056
202368	1.19	1.11	12.0383	12.4468	12.6023	2	FALSE	0.5359
202377	1.58	1.54	9.7743	10.0446	10.1217	2	FALSE	-0.0529
202384	0.79	0.79	9.7743	9.7743	9.8425	1	FALSE	-0.8115
202388	0.73	0.7	10.5487	10.9024	11.0075	1	FALSE	0.2498
202388	0.73	0.71	10.5487	10.7865	10.8877	1	FALSE	-0.0756
202396	0.86	0.86	8.6787	8.6787	8.7112	1	FALSE	-0.9087
202484	0.21	0.28	16.2257	15.3314	15.5811	1	FALSE	0.7549
202484	0.21	0.3	16.2257	15.0976	15.3397	1	FALSE	1.4109
202489	1.23	1.23	11.8305	11.8305	11.9659	2	FALSE	-0.6289
202500	0.85	0.83	8.8543	9.1833	9.2323	1	FALSE	0.0304
202500	0.85	0.83	8.8543	9.1833	9.2323	1	FALSE	0.0304
223956	0.76	0.8	10.1748	9.6335	9.6971	1	FALSE	0.3012
223956	0.76	0.81	10.1748	9.4884	9.5473	1	FALSE	0.7084
223960	0.84	0.85	9.0222	8.8543	8.8924	1	FALSE	-0.6443
223960	0.84	0.85	9.0222	8.8543	8.8924	1	FALSE	-0.6443
223966	0.51	0.57	12.8997	12.2945	12.445	1	FALSE	0.2388
223968	0.2	0.2	16.3665	16.3665	16.65	1	FALSE	-0.2263
223968	0.2	0.21	16.3665	16.2257	16.5046	1	FALSE	-0.6214

Delta Analysis Math Grade 04

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
224032	0.61	0.63	11.8827	11.6726	11.8028	1	FALSE	-0.7797
224096	0.99	1.05	13.0501	12.7492	12.9146	2	FALSE	-0.6284
224096	0.99	1.06	13.0501	12.6989	12.8627	2	FALSE	-0.4874
224099	1.59	1.55	9.7044	9.9783	10.0532	2	FALSE	-0.049
224099	1.6	1.58	9.6335	9.7743	9.8425	2	FALSE	-0.4288
227035	0.73	0.85	10.5487	8.8543	8.8924	1	TRUE	3.5044
227035	0.72	0.85	10.6686	8.8543	8.8924	1	TRUE	3.8302
227058	0.87	0.88	8.4944	8.3001	8.3201	1	FALSE	-0.5231
227060	0.85	0.83	8.8543	9.1833	9.2323	1	FALSE	0.0304
227070	0.36	0.36	14.4338	14.4338	14.6543	1	FALSE	-0.3978
227070	0.36	0.36	14.4338	14.4338	14.6543	1	FALSE	-0.3978
227082	1.37	1.38	11.0731	11.0166	11.1254	2	FALSE	-0.8547
227082	1.35	1.38	11.185	11.0166	11.1254	2	FALSE	-0.835
227088	0.19	0.19	16.5116	16.5116	16.7999	1	FALSE	-0.2134
227088	0.19	0.17	16.5116	16.8167	17.1149	1	FALSE	0.6428
227089	0.66	0.76	11.3501	10.1748	10.2561	1	FALSE	1.9764
227089	0.66	0.76	11.3501	10.1748	10.2561	1	FALSE	1.9764
227096	0.83	0.81	13.8588	13.9617	14.1667	2	FALSE	-0.1601
227098	0.65	0.66	11.4587	11.3501	11.4698	1	FALSE	-0.9666
227107	0.81	0.8	9.4884	9.6335	9.6971	1	FALSE	-0.4296
227107	0.81	0.82	9.4884	9.3385	9.3925	1	FALSE	-0.7362
232429	1.18	1.17	12.0898	12.1412	12.2867	2	FALSE	-0.4617
232429	1.18	1.18	12.0898	12.0898	12.2337	2	FALSE	-0.6059
232445	0.81	0.81	9.4884	9.4884	9.5473	1	FALSE	-0.8368
232445	0.81	0.81	9.4884	9.4884	9.5473	1	FALSE	-0.8368
232534	0.55	0.57	12.4974	12.2945	12.445	1	FALSE	-0.8547
232534	0.55	0.56	12.4974	12.3961	12.55	1	FALSE	-0.8538
232535	0.56	0.56	12.3961	12.3961	12.55	1	FALSE	-0.5787
232535	0.56	0.56	12.3961	12.3961	12.55	1	FALSE	-0.5787
232537	0.72	0.74	10.6686	10.4266	10.5161	1	FALSE	-0.5824
232537	0.72	0.76	10.6686	10.1748	10.2561	1	FALSE	0.1243
232543	0.71	0.59	10.7865	12.0898	12.2337	1	FALSE	2.9361
232594	0.48	0.49	13.2006	13.1003	13.2771	1	FALSE	-0.7889
232594	0.46	0.49	13.4017	13.1003	13.2771	1	FALSE	-0.6582
232599	0.49	0.47	13.1003	13.3011	13.4845	1	FALSE	0.0473
232604	0.46	0.5	13.4017	13	13.1736	1	FALSE	-0.3768
255732	0.59	0.59	12.0898	12.0898	12.2337	1	FALSE	-0.6059

Delta Analysis Math Grade 05

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
198487	0.73	0.72	10.5487	10.6686	10.6945	1	FALSE	-0.566
198487	0.73	0.72	10.5487	10.6686	10.6945	1	FALSE	-0.566
198548	0.5	0.49	13	13.1003	13.1362	1	FALSE	-0.6169
198548	0.49	0.51	13.1003	12.8997	12.9348	1	FALSE	-0.4606
198585	0.65	0.63	11.4587	11.6726	11.7026	1	FALSE	-0.0413
198585	0.66	0.63	11.3501	11.6726	11.7026	1	FALSE	0.539
198603	1.39	1.32	10.9597	11.3501	11.3788	2	FALSE	0.8953
198603	1.44	1.31	10.6686	11.4046	11.4335	2	FALSE	2.7434
203258	0.85	0.87	8.8543	8.4944	8.5113	1	FALSE	0.4885
203258	0.85	0.87	8.8543	8.4944	8.5113	1	FALSE	0.4885
203280	0.7	0.69	10.9024	11.0166	11.0439	1	FALSE	-0.5887
203293	0.49	0.51	13.1003	12.8997	12.9348	1	FALSE	-0.4606
203293	0.49	0.51	13.1003	12.8997	12.9348	1	FALSE	-0.4606
203298	0.35	0.42	14.5413	13.8076	13.8464	1	FALSE	2.3691
203298	0.35	0.41	14.5413	13.9102	13.9495	1	FALSE	1.8184
203299	0.46	0.52	13.4017	12.7994	12.8341	1	FALSE	1.6894
203299	0.46	0.51	13.4017	12.8997	12.9348	1	FALSE	1.1508
203356	0.5	0.52	13	12.7994	12.8341	1	FALSE	-0.4581
203356	0.5	0.54	13	12.5983	12.6321	1	FALSE	0.6215
203358	0.71	0.72	10.7865	10.6686	10.6945	1	FALSE	-0.8533
203367	0.4	0.42	14.0134	13.8076	13.8464	1	FALSE	-0.4526
203367	0.43	0.42	13.7055	13.8076	13.8464	1	FALSE	-0.5915
203378	0.61	0.63	11.8827	11.6726	11.7026	1	FALSE	-0.3821
203556	0.59	0.63	12.0898	11.6726	11.7026	1	FALSE	0.7249
203559	0.55	0.6	12.4974	11.9866	12.0179	1	FALSE	1.2177
203584	0.53	0.54	12.6989	12.5983	12.6321	1	FALSE	-0.9879
203606	0.45	0.46	13.5026	13.4017	13.4389	1	FALSE	-1.0044
203606	0.45	0.46	13.5026	13.4017	13.4389	1	FALSE	-1.0044
203893	0.75	0.76	10.302	10.1748	10.1986	1	FALSE	-0.792
203893	0.75	0.77	10.302	10.0446	10.0679	1	FALSE	-0.0932
203898	0.6	0.57	11.9866	12.2945	12.3271	1	FALSE	0.475
203914	0.55	0.54	12.4974	12.5983	12.6321	1	FALSE	-0.6246
203914	0.52	0.53	12.7994	12.6989	12.7332	1	FALSE	-0.9912
203933	0.84	0.84	9.0222	9.0222	9.0412	1	FALSE	-1.2434
203938	0.71	0.66	10.7865	11.3501	11.3788	1	FALSE	1.8214
203938	0.72	0.66	10.6686	11.3501	11.3788	1	FALSE	2.4512
203941	0.81	0.79	9.4884	9.7743	9.7964	1	FALSE	0.3016
203949	0.66	0.74	14.7597	14.3274	14.3684	2	FALSE	0.7462
203949	0.66	0.74	14.7597	14.3274	14.3684	2	FALSE	0.7462
203977	0.51	0.49	12.8997	13.1003	13.1362	1	FALSE	-0.0809
203997	0.38	0.38	14.2219	14.2219	14.2625	1	FALSE	-1.128
203997	0.38	0.38	14.2219	14.2219	14.2625	1	FALSE	-1.128
225011	0.42	0.43	13.8076	13.7055	13.7439	1	FALSE	-1.0049

Delta Analysis Math Grade 05

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
225025	0.8	0.9	14.0134	13.5026	13.5403	2	FALSE	1.1841
225025	0.8	0.91	14.0134	13.4522	13.4896	2	FALSE	1.4551
225028	1.58	1.67	14.0652	13.8332	13.8722	4	FALSE	-0.3129
225032	0.48	0.52	13.2006	12.7994	12.8341	1	FALSE	0.6143
225032	0.48	0.52	13.2006	12.7994	12.8341	1	FALSE	0.6143
225295	0.48	0.47	13.2006	13.3011	13.3379	1	FALSE	-0.6114
225295	0.48	0.47	13.2006	13.3011	13.3379	1	FALSE	-0.6114
225298	0.57	0.59	12.2945	12.0898	12.1216	1	FALSE	-0.4206
225298	0.56	0.61	12.3961	11.8827	11.9136	1	FALSE	1.2342
225316	0.54	0.49	12.5983	13.1003	13.1362	1	FALSE	1.5305
225333	0.5	0.5	13	13	13.0355	1	FALSE	-1.1551
225333	0.5	0.51	13	12.8997	12.9348	1	FALSE	-0.9966
225346	1.18	1.18	12.0898	12.0898	12.1216	2	FALSE	-1.1753
225389	0.55	0.54	15.391	15.4513	15.4969	2	FALSE	-0.7789
225389	0.54	0.54	15.4513	15.4513	15.4969	2	FALSE	-1.1007
225404	0.69	0.7	11.0166	10.9024	10.9292	1	FALSE	-0.8779
225404	0.69	0.71	11.0166	10.7865	10.8128	1	FALSE	-0.2556
225408	0.36	0.36	14.4338	14.4338	14.4753	1	FALSE	-1.1233
225408	0.36	0.35	14.4338	14.5413	14.5832	1	FALSE	-0.5466
225453	1.08	1.06	15.4513	15.512	15.558	4	FALSE	-0.7745
226715	0.34	0.33	14.6499	14.7597	14.8025	1	FALSE	-0.5291
226715	0.33	0.33	14.7597	14.7597	14.8025	1	FALSE	-1.116
226814	0.36	0.34	14.4338	14.6499	14.6922	1	FALSE	0.0362
226814	0.36	0.34	14.4338	14.6499	14.6922	1	FALSE	0.0362
230748	1.01	1.02	15.6666	15.6354	15.6818	4	FALSE	-1.2635
230748	1.01	0.98	15.6666	15.7612	15.8082	4	FALSE	-0.5878
234368	0.88	0.77	13.6039	14.1695	14.2099	2	FALSE	1.8943
234368	0.88	0.79	13.6039	14.0652	14.1052	2	FALSE	1.3347
234370	0.75	0.77	10.302	10.0446	10.0679	1	FALSE	-0.0932
234370	0.75	0.77	10.302	10.0446	10.0679	1	FALSE	-0.0932
234393	0.49	0.47	13.1003	13.3011	13.3379	1	FALSE	-0.075
234393	0.49	0.48	13.1003	13.2006	13.237	1	FALSE	-0.6143
241932	1.96	1.93	13.1003	13.1755	13.2118	4	FALSE	-0.749
241932	1.96	1.97	13.1003	13.0752	13.111	4	FALSE	-1.2874
255763	0.51	0.47	12.8997	13.3011	13.3379	1	FALSE	0.997
255763	0.5	0.47	13	13.3011	13.3379	1	FALSE	0.461
260931	0.42	0.39	13.8076	14.1173	14.1574	1	FALSE	0.5252
260931	0.42	0.39	13.8076	14.1173	14.1574	1	FALSE	0.5252

Delta Analysis Math Grade 06

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
198609	0.48	0.48	13.2006	13.2006	13.3175	1	FALSE	-0.5691
198610	0.78	0.78	9.9112	9.9112	9.9725	1	FALSE	-0.8387
198610	0.78	0.78	9.9112	9.9112	9.9725	1	FALSE	-0.8387
198612	0.38	0.38	14.2219	14.2219	14.3561	1	FALSE	-0.4854
198632	0.82	0.79	13.9102	14.0652	14.1968	2	FALSE	0.253
198632	0.8	0.87	14.0134	13.6546	13.7792	2	FALSE	-0.0009
198649	0.47	0.49	13.3011	13.1003	13.2155	1	FALSE	-0.7207
198650	0.63	0.66	11.6726	11.3501	11.4357	1	FALSE	0.012
198713	0.61	0.58	11.8827	12.1924	12.2923	1	FALSE	0.8487
198713	0.61	0.61	11.8827	11.8827	11.9773	1	FALSE	-0.6771
198716	0.89	0.92	13.5532	13.4017	13.522	2	FALSE	-0.9844
198716	0.89	0.91	13.5532	13.4522	13.5733	2	FALSE	-1.0381
198722	0.62	0.63	11.7781	11.6726	11.7636	1	FALSE	-1.0655
198722	0.63	0.65	11.6726	11.4587	11.5461	1	FALSE	-0.5229
198726	0.75	0.73	14.2746	14.3805	14.5174	2	FALSE	0.0409
198727	0.52	0.63	15.5734	14.9269	15.073	2	FALSE	1.2888
198727	0.52	0.62	15.5734	14.9834	15.1305	2	FALSE	1.0104
203167	0.4	0.39	14.0134	14.1173	14.2497	1	FALSE	0.0094
203167	0.4	0.41	14.0134	13.9102	14.0391	1	FALSE	-1.0109
203173	0.46	0.46	13.4017	13.4017	13.522	1	FALSE	-0.5526
203173	0.46	0.48	13.4017	13.2006	13.3175	1	FALSE	-0.7274
203188	0.63	0.64	11.6726	11.5662	11.6554	1	FALSE	-1.0522
203188	0.63	0.66	11.6726	11.3501	11.4357	1	FALSE	0.012
203204	0.62	0.64	11.7781	11.5662	11.6554	1	FALSE	-0.5411
203204	0.62	0.65	11.7781	11.4587	11.5461	1	FALSE	-0.0118
203217	0.65	0.65	11.4587	11.4587	11.5461	1	FALSE	-0.7118
203279	1.37	1.39	11.0731	10.9597	11.0387	2	FALSE	-0.9688
203350	0.61	0.64	11.8827	11.5662	11.6554	1	FALSE	-0.0341
203379	0.33	0.33	14.7597	14.7597	14.9029	1	FALSE	-0.4413
203381	0.79	0.77	9.7743	10.0446	10.1081	1	FALSE	0.4818
203393	0.5	0.48	13	13.2006	13.3175	1	FALSE	0.4029
203393	0.5	0.47	13	13.3011	13.4197	1	FALSE	0.8978
203452	0.52	0.54	12.7994	12.5983	12.705	1	FALSE	-0.678
203452	0.52	0.55	12.7994	12.4974	12.6024	1	FALSE	-0.1809
203453	0.59	0.57	12.0898	12.2945	12.3961	1	FALSE	0.3483
203453	0.6	0.58	11.9866	12.1924	12.2923	1	FALSE	0.3454
203457	0.68	0.66	11.1292	11.3501	11.4357	1	FALSE	0.3497
203457	0.69	0.66	11.0166	11.3501	11.4357	1	FALSE	0.8952
203526	0.57	0.61	12.2945	11.8827	11.9773	1	FALSE	0.4012
203526	0.58	0.61	12.1924	11.8827	11.9773	1	FALSE	-0.0933
203543	0.46	0.47	13.4017	13.3011	13.4197	1	FALSE	-1.0485
203543	0.44	0.46	13.6039	13.4017	13.522	1	FALSE	-0.7389
225180	0.46	0.42	13.4017	13.8076	13.9347	1	FALSE	1.4469

Delta Analysis Math Grade 06

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
225180	0.46	0.46	13.4017	13.4017	13.522	1	FALSE	-0.5526
225267	0.6	0.52	11.9866	12.7994	12.9095	1	TRUE	3.3357
225267	0.6	0.55	11.9866	12.4974	12.6024	1	TRUE	1.8477
225300	0.14	0.12	17.3213	17.6999	17.893	1	FALSE	1.6343
225318	0.46	0.48	13.4017	13.2006	13.3175	1	FALSE	-0.7274
225318	0.46	0.49	13.4017	13.1003	13.2155	1	FALSE	-0.233
225334	1.41	1.4	14.5143	14.5413	14.6809	4	FALSE	-0.3286
225345	0.41	0.49	13.9102	13.1003	13.2155	1	FALSE	2.2303
225345	0.4	0.51	14.0134	12.8997	13.0115	1	TRUE	3.7183
225351	0.5	0.49	13	13.1003	13.2155	1	FALSE	-0.0915
225351	0.5	0.51	13	12.8997	13.0115	1	FALSE	-1.0795
225363	0.36	0.4	14.4338	14.0134	14.144	1	FALSE	0.2686
225376	0.49	0.49	13.1003	13.1003	13.2155	1	FALSE	-0.5773
225377	0.58	0.6	12.1924	11.9866	12.083	1	FALSE	-0.6051
225377	0.58	0.6	12.1924	11.9866	12.083	1	FALSE	-0.6051
225381	1.33	1.41	14.7321	14.5143	14.6534	4	FALSE	-0.7544
225381	1.33	1.45	14.7321	14.4071	14.5444	4	FALSE	-0.2264
225427	0.4	0.39	14.0134	14.1173	14.2497	1	FALSE	0.0094
225427	0.4	0.39	14.0134	14.1173	14.2497	1	FALSE	0.0094
228669	0.67	0.67	11.2403	11.2403	11.3241	1	FALSE	-0.7297
228669	0.67	0.71	11.2403	10.7865	10.8625	1	FALSE	0.6951
233588	1.59	1.63	14.0393	13.9359	14.0653	4	FALSE	-1.0096
234406	1.09	1.13	12.5478	12.3454	12.4478	2	FALSE	-0.6507
234406	1.1	1.13	12.4974	12.3454	12.4478	2	FALSE	-0.8953
234411	0.54	0.53	12.5983	12.6989	12.8073	1	FALSE	-0.1225
234416	0.45	0.52	13.5026	12.7994	12.9095	1	FALSE	1.7382
234416	0.45	0.53	13.5026	12.6989	12.8073	1	FALSE	2.2332
234417	1.69	1.66	13.782	13.8588	13.9868	4	FALSE	-0.1431
234417	1.73	1.68	13.6801	13.8076	13.9347	4	FALSE	0.0985
242302	0.57	0.58	12.2945	12.1924	12.2923	1	FALSE	-1.1246
242302	0.57	0.61	12.2945	11.8827	11.9773	1	FALSE	0.4012
255359	0.3	0.31	15.0976	14.9834	15.1305	1	FALSE	-0.9762
255359	0.3	0.33	15.0976	14.7597	14.9029	1	FALSE	-0.1923
255569	0.56	0.61	12.3961	11.8827	11.9773	1	FALSE	0.8935

Delta Analysis Math Grade 07

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
199870	0.52	0.51	12.7994	12.8997	12.9991	1	FALSE	-0.4174
199870	0.52	0.51	12.7994	12.8997	12.9991	1	FALSE	-0.4174
199898	0.87	0.87	8.4944	8.4944	8.561	1	FALSE	-0.7195
199918	0.57	0.64	12.2945	11.5662	11.6556	1	FALSE	0.5786
199925	0.51	0.55	12.8997	12.4974	12.5938	1	FALSE	-0.1765
199947	0.7	0.66	10.9024	11.3501	11.438	1	FALSE	0.3443
199950	0.71	0.62	10.7865	11.7781	11.8691	1	FALSE	1.5852
206097	0.51	0.47	12.8997	13.3011	13.4035	1	FALSE	0.2721
206097	0.5	0.47	13	13.3011	13.4035	1	FALSE	0.0447
206098	0.8	0.8	9.6335	9.6335	9.7086	1	FALSE	-0.7003
206098	0.8	0.81	9.6335	9.4884	9.5624	1	FALSE	-0.7092
206102	0.34	0.4	14.6499	14.0134	14.1211	1	FALSE	0.3288
206103	0.59	0.56	12.0898	12.3961	12.4918	1	FALSE	0.0412
206103	0.59	0.57	12.0898	12.2945	12.3894	1	FALSE	-0.191
206104	0.53	0.54	12.6989	12.5983	12.6954	1	FALSE	-0.8626
206104	0.53	0.54	12.6989	12.5983	12.6954	1	FALSE	-0.8626
206127	1.51	1.59	14.2482	14.0393	14.1472	4	FALSE	-0.6414
206127	1.52	1.59	14.2219	14.0393	14.1472	4	FALSE	-0.701
206135	0.4	0.45	14.0134	13.5026	13.6066	1	FALSE	0.0523
206141	0.52	0.5	12.7994	13	13.1002	1	FALSE	-0.1883
206141	0.53	0.5	12.6989	13	13.1002	1	FALSE	0.0396
206144	0.56	0.62	12.3961	11.7781	11.8691	1	FALSE	0.3248
206144	0.57	0.62	12.2945	11.7781	11.8691	1	FALSE	0.0943
206152	0.34	0.47	16.8167	15.8899	16.0116	2	FALSE	0.9554
206158	0.74	0.74	10.4266	10.4266	10.5076	1	FALSE	-0.6869
206158	0.74	0.76	10.4266	10.1748	10.2539	1	FALSE	-0.4787
206164	0.61	0.55	11.8827	12.4974	12.5938	1	FALSE	0.7423
206164	0.61	0.54	11.8827	12.5983	12.6954	1	FALSE	0.9728
206172	0.52	0.56	12.7994	12.3961	12.4918	1	FALSE	-0.1728
206172	0.52	0.57	12.7994	12.2945	12.3894	1	FALSE	0.0594
206177	0.73	0.77	10.5487	10.0446	10.1227	1	FALSE	0.0958
206177	0.73	0.78	10.5487	9.9112	9.9884	1	FALSE	0.4006
206181	0.48	0.34	13.2006	14.6499	14.7623	1	FALSE	2.6717
206181	0.48	0.36	13.2006	14.4338	14.5447	1	FALSE	2.1781
206189	0.86	0.81	13.7055	13.9617	14.069	2	FALSE	-0.0459
206189	0.87	0.81	13.6546	13.9617	14.069	2	FALSE	0.0694
206195	2.27	2.18	12.3199	12.5478	12.6446	4	FALSE	-0.1341
206195	2.27	2.18	12.3199	12.5478	12.6446	4	FALSE	-0.1341
206203	0.24	0.25	15.8252	15.698	15.8182	1	FALSE	-0.8547
206203	0.23	0.26	15.9554	15.5734	15.6927	1	FALSE	-0.2748
206213	0.94	0.98	13.3011	13.1003	13.2012	2	FALSE	-0.6439
206213	0.93	0.94	13.3514	13.3011	13.4035	2	FALSE	-0.7523
224761	0.59	0.57	12.0898	12.2945	12.3894	1	FALSE	-0.191

Delta Analysis Math Grade 07

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
224761	0.59	0.58	12.0898	12.1924	12.2866	1	FALSE	-0.4243
224764	0.88	0.87	8.3001	8.4944	8.561	1	FALSE	-0.2786
224777	0.43	0.46	13.7055	13.4017	13.5049	1	FALSE	-0.4155
224781	0.33	0.28	14.7597	15.3314	15.4489	1	FALSE	0.6928
224781	0.33	0.27	14.7597	15.4513	15.5697	1	FALSE	0.9668
224793	0.67	0.68	11.2403	11.1292	11.2154	1	FALSE	-0.8139
224793	0.67	0.68	11.2403	11.1292	11.2154	1	FALSE	-0.8139
224801	0.36	0.38	14.4338	14.2219	14.3312	1	FALSE	-0.6377
224801	0.36	0.4	14.4338	14.0134	14.1211	1	FALSE	-0.1612
224827	0.4	0.43	14.0134	13.7055	13.8109	1	FALSE	-0.4113
224856	0.54	0.49	15.4513	15.7612	15.882	2	FALSE	0.1065
224856	0.54	0.49	15.4513	15.7612	15.882	2	FALSE	0.1065
224876	0.84	0.86	16.2257	16.1568	16.2805	4	FALSE	-0.7462
224876	0.84	0.9	16.2257	16.0217	16.1444	4	FALSE	-0.686
224924	1.4	1.36	14.5413	14.6499	14.7623	4	FALSE	-0.3692
225078	0.38	0.41	14.2219	13.9102	14.0171	1	FALSE	-0.406
225078	0.38	0.42	14.2219	13.8076	13.9138	1	FALSE	-0.1715
225135	0.75	0.69	14.2746	14.5954	14.7075	2	FALSE	0.1114
228094	0.61	0.58	11.8827	12.1924	12.2866	1	FALSE	0.0455
228103	0.32	0.33	14.8708	14.7597	14.8729	1	FALSE	-0.8657
228103	0.32	0.34	14.8708	14.6499	14.7623	1	FALSE	-0.6245
233831	0.33	0.35	14.7597	14.5413	14.6529	1	FALSE	-0.6285
234445	0.46	0.45	13.4017	13.5026	13.6066	1	FALSE	-0.4059
234445	0.46	0.46	13.4017	13.4017	13.5049	1	FALSE	-0.6365
234452	0.85	0.88	8.8543	8.3001	8.3652	1	FALSE	0.2389
234452	0.85	0.87	8.8543	8.4944	8.561	1	FALSE	-0.2053
234455	0.56	0.56	15.3314	15.3314	15.4489	2	FALSE	-0.6039
234455	0.56	0.56	15.3314	15.3314	15.4489	2	FALSE	-0.6039
234459	0.31	0.55	14.9834	12.4974	12.5938	1	TRUE	4.5496
234459	0.31	0.56	14.9834	12.3961	12.4918	1	TRUE	4.7809
255899	0.46	0.5	15.9554	15.698	15.8182	2	FALSE	-0.5594
255974	0.42	0.44	13.8076	13.6039	13.7085	1	FALSE	-0.6459
255974	0.42	0.43	13.8076	13.7055	13.8109	1	FALSE	-0.8629
255994	0.17	0.2	16.8167	16.3665	16.4918	1	FALSE	-0.1336
256055	0.34	0.34	14.6499	14.6499	14.7623	1	FALSE	-0.6154
256091	0.46	0.53	13.4017	12.6989	12.7968	1	FALSE	0.5015
256091	0.46	0.54	13.4017	12.5983	12.6954	1	FALSE	0.7315

Delta Analysis Math Grade 08

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
199729	0.44	0.46	13.6039	13.4017	13.6116	1	FALSE	-0.8805
199729	0.44	0.47	13.6039	13.3011	13.5083	1	FALSE	-0.6404
199743	0.53	0.58	12.6989	12.1924	12.3708	1	FALSE	-0.0051
199744	0.44	0.5	13.6039	13	13.1994	1	FALSE	0.2035
199744	0.46	0.51	13.4017	12.8997	13.0965	1	FALSE	-0.0677
199747	0.33	0.35	16.8965	16.7384	17.0351	2	FALSE	-0.5227
199747	0.33	0.3	16.8965	17.1457	17.4531	2	FALSE	0.6191
199755	0.8	0.8	9.6335	9.6335	9.7452	1	FALSE	-0.5964
199756	0.61	0.6	11.8827	11.9866	12.1596	1	FALSE	-0.1452
199761	0.59	0.59	12.0898	12.0898	12.2655	1	FALSE	-0.4216
199761	0.6	0.59	11.9866	12.0898	12.2655	1	FALSE	-0.1397
199762	0.68	0.64	11.1292	11.5662	11.7282	1	FALSE	0.7347
199762	0.68	0.68	11.1292	11.1292	11.2798	1	FALSE	-0.49
199767	0.62	0.65	11.7781	11.4587	11.6179	1	FALSE	-0.4641
199767	0.65	0.65	11.4587	11.4587	11.6179	1	FALSE	-0.4665
199780	0.95	1.18	13.2508	12.0898	12.2655	2	FALSE	1.7901
199783	0.64	0.71	14.8708	14.4874	14.7256	2	FALSE	-0.5047
199783	0.64	0.71	14.8708	14.4874	14.7256	2	FALSE	-0.5047
206221	0.52	0.5	12.7994	13	13.1994	1	FALSE	0.1911
206221	0.51	0.5	12.8997	13	13.1994	1	FALSE	-0.0829
206224	0.49	0.49	13.1003	13.1003	13.3023	1	FALSE	-0.3497
206224	0.48	0.51	13.2006	12.8997	13.0965	1	FALSE	-0.6171
206225	0.43	0.42	13.7055	13.8076	14.028	1	FALSE	-0.0206
206229	0.44	0.45	13.6039	13.5026	13.7151	1	FALSE	-0.5976
206229	0.44	0.46	13.6039	13.4017	13.6116	1	FALSE	-0.8805
206237	0.63	0.67	11.6726	11.2403	11.3939	1	FALSE	-0.1402
206237	0.64	0.67	11.5662	11.2403	11.3939	1	FALSE	-0.4309
206240	1.25	1.36	11.7254	11.1292	11.2798	2	FALSE	0.3157
206240	1.25	1.36	11.7254	11.1292	11.2798	2	FALSE	0.3157
206245	1.19	1.12	15.1264	15.3314	15.5915	4	FALSE	0.3689
206245	1.19	1.14	15.1264	15.2722	15.5308	4	FALSE	0.2031
206256	0.33	0.3	14.7597	15.0976	15.3516	1	FALSE	0.7156
206256	0.32	0.3	14.8708	15.0976	15.3516	1	FALSE	0.412
206266	0.41	0.39	13.9102	14.1173	14.3458	1	FALSE	0.2884
206266	0.42	0.39	13.8076	14.1173	14.3458	1	FALSE	0.5686
206270	0.21	0.22	16.2257	16.0888	16.3686	1	FALSE	-0.5111
206270	0.2	0.21	16.3665	16.2257	16.5091	1	FALSE	-0.5119
206284	0.52	0.54	12.7994	12.5983	12.7872	1	FALSE	-0.8682
206284	0.52	0.56	12.7994	12.3961	12.5798	1	FALSE	-0.3016
206293	0.72	0.73	10.6686	10.5487	10.6843	1	FALSE	-0.8588
206293	0.72	0.74	10.6686	10.4266	10.559	1	FALSE	-0.6019
206295	0.83	0.82	9.1833	9.3385	9.4425	1	FALSE	-0.1935
206296	0.69	0.71	11.0166	10.7865	10.9282	1	FALSE	-0.66

Delta Analysis Math Grade 08

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
206310	0.46	0.44	13.4017	13.6039	13.819	1	FALSE	0.2383
206313	0.36	0.42	14.4338	13.8076	14.028	1	FALSE	0.2071
206331	2.02	2.1	12.9499	12.7492	12.942	4	FALSE	-0.8801
206337	0.56	0.6	12.3961	11.9866	12.1596	1	FALSE	-0.2554
224853	0.33	0.35	14.7597	14.5413	14.7808	1	FALSE	-0.8437
224853	0.33	0.33	14.7597	14.7597	15.0049	1	FALSE	-0.2316
224878	0.34	0.42	14.6499	13.8076	14.028	1	FALSE	0.7972
224878	0.34	0.44	14.6499	13.6039	13.819	1	FALSE	1.3681
224881	0.48	0.52	13.2006	12.7994	12.9935	1	FALSE	-0.3358
224881	0.48	0.53	13.2006	12.6989	12.8905	1	FALSE	-0.0543
224891	0.33	0.31	14.7597	14.9834	15.2344	1	FALSE	0.3955
224919	0.5	0.58	13	12.1924	12.3708	1	FALSE	0.8174
224919	0.5	0.58	13	12.1924	12.3708	1	FALSE	0.8174
225437	0.23	0.25	15.9554	15.698	15.9676	1	FALSE	-0.8681
225437	0.23	0.24	15.9554	15.8252	16.0982	1	FALSE	-0.5114
226556	0.64	0.64	11.5662	11.5662	11.7282	1	FALSE	-0.4589
226556	0.65	0.64	11.4587	11.5662	11.7282	1	FALSE	-0.1654
226573	0.52	0.56	12.7994	12.3961	12.5798	1	FALSE	-0.3016
226573	0.53	0.58	12.6989	12.1924	12.3708	1	FALSE	-0.0051
233602	0.53	0.52	12.6989	12.7994	12.9935	1	FALSE	-0.0967
233602	0.53	0.52	12.6989	12.7994	12.9935	1	FALSE	-0.0967
233609	1.13	1.08	15.3017	15.4513	15.7145	4	FALSE	0.226
233609	1.16	1.1	15.2135	15.391	15.6527	4	FALSE	0.2982
233719	1.37	1.4	11.0731	10.9024	11.0471	2	FALSE	-0.8306
233719	1.4	1.4	10.9024	10.9024	11.0471	2	FALSE	-0.5061
234148	0.65	0.67	14.8115	14.7046	14.9484	2	FALSE	-0.5373
234148	0.65	0.67	14.8115	14.7046	14.9484	2	FALSE	-0.5373
234523	0.73	0.74	10.5487	10.4266	10.559	1	FALSE	-0.8736
234524	0.53	0.46	12.6989	13.4017	13.6116	1	FALSE	1.5916
234524	0.5	0.46	13	13.4017	13.6116	1	FALSE	0.7691
242395	0.49	0.49	13.1003	13.1003	13.3023	1	FALSE	-0.3497
242401	0.53	0.55	12.6989	12.4974	12.6836	1	FALSE	-0.8598
242401	0.53	0.57	12.6989	12.2945	12.4755	1	FALSE	-0.2912
256309	0.16	0.35	16.9778	14.5413	14.7808	1	TRUE	5.1
256309	0.16	0.35	16.9778	14.5413	14.7808	1	TRUE	5.1
256511	0.71	0.72	10.7865	10.6686	10.8073	1	FALSE	-0.8446
256511	0.71	0.72	10.7865	10.6686	10.8073	1	FALSE	-0.8446
260926	1.35	1.29	14.6772	14.8429	15.0903	4	FALSE	0.2269
260926	1.37	1.29	14.6226	14.8429	15.0903	4	FALSE	0.376

Delta Analysis Reading Grade 03

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
201747	0.8	0.79	9.6335	9.7743	9.9206	1	FALSE	0.2602
201748	0.71	0.73	10.7865	10.5487	10.6766	1	FALSE	-0.6465
201763	0.84	0.87	9.0222	8.4944	8.6711	1	FALSE	0.5877
201764	2.07	2.28	12.8245	12.2945	12.381	4	FALSE	1.0606
201825	0.56	0.62	12.3961	11.7781	11.8768	1	FALSE	1.4484
201830	0.66	0.68	11.3501	11.1292	11.2433	1	FALSE	-0.6619
201831	0.88	0.89	8.3001	8.0939	8.28	1	FALSE	-1.106
201836	0.66	0.69	11.3501	11.0166	11.1334	1	FALSE	-0.0995
202178	0.76	0.75	10.1748	10.302	10.4358	1	FALSE	0.1268
202179	0.82	0.84	9.3385	9.0222	9.1863	1	FALSE	-0.4295
202180	0.71	0.75	10.7865	10.302	10.4358	1	FALSE	0.5856
202183	0.77	0.79	10.0446	9.7743	9.9206	1	FALSE	-0.5739
202194	0.89	0.9	8.0939	7.8738	8.0652	1	FALSE	-1.0615
205940	2.29	2.41	12.269	11.9607	12.0551	4	FALSE	-0.1139
225214	0.7	0.72	10.9024	10.6686	10.7937	1	FALSE	-0.6522
225216	0.75	0.78	10.302	9.9112	10.0543	1	FALSE	0.0593
225218	0.8	0.81	9.6335	9.4884	9.6415	1	FALSE	-1.1676
225220	0.77	0.77	10.0446	10.0446	10.1845	1	FALSE	-0.4929
225230	0.49	0.48	13.1003	13.2006	13.2656	1	FALSE	-0.3628
225233	0.73	0.73	10.5487	10.5487	10.6766	1	FALSE	-0.5541
225237	0.7	0.69	10.9024	11.0166	11.1334	1	FALSE	-0.0267
225240	0.67	0.66	11.2403	11.3501	11.459	1	FALSE	-0.0897
225242	3.47	3.52	8.5414	8.3001	8.4813	4	FALSE	-0.901
225253	1.93	1.81	13.1755	13.4774	13.5358	4	FALSE	0.6346
226283	0.84	0.86	9.0222	8.6787	8.851	1	FALSE	-0.3327
226289	0.85	0.83	8.8543	9.1833	9.3436	1	FALSE	1.2951
226290	0.87	0.86	8.4944	8.6787	8.851	1	FALSE	0.6157
230973	1.77	1.83	13.5785	13.4269	13.4865	4	FALSE	-0.7376
230976	0.6	0.63	11.9866	11.6726	11.7738	1	FALSE	-0.1197
230977	0.58	0.58	12.1924	12.1924	12.2813	1	FALSE	-0.7537
230978	0.56	0.55	12.3961	12.4974	12.579	1	FALSE	-0.2728
230979	0.77	0.82	10.0446	9.3385	9.4952	1	FALSE	1.6025
230980	1.48	1.51	14.3274	14.2482	14.2883	4	FALSE	-1.0082
230988	0.74	0.74	10.4266	10.4266	10.5574	1	FALSE	-0.5393
255324	0.73	0.75	10.5487	10.302	10.4358	1	FALSE	-0.6305
255326	0.66	0.7	11.3501	10.9024	11.0219	1	FALSE	0.4709
255326	0.65	0.7	11.4587	10.9024	11.0219	1	FALSE	1.0263
255327	0.76	0.77	10.1748	10.0446	10.1845	1	FALSE	-1.1588
255328	0.79	0.82	9.7743	9.3385	9.4952	1	FALSE	0.2197
255328	0.78	0.82	9.9112	9.3385	9.4952	1	FALSE	0.9201
255331	0.6	0.6	11.9866	11.9866	12.0804	1	FALSE	-0.7287
255333	0.57	0.54	12.2945	12.5983	12.6775	1	FALSE	0.751
255334	0.76	0.69	10.1748	11.0166	11.1334	1	TRUE	3.6955

Delta Analysis Reading Grade 03

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
255334	0.75	0.69	10.302	11.0166	11.1334	1	TRUE	3.0446
255335	0.9	0.9	7.8738	7.8738	8.0652	1	FALSE	-0.2293
255335	0.89	0.9	8.0939	7.8738	8.0652	1	FALSE	-1.0615
255336	2.16	2.22	12.5983	12.4468	12.5296	4	FALSE	-0.8572
255338	3.13	3.11	9.8773	9.9449	10.0871	4	FALSE	-0.1352
255536	0.55	0.57	12.4974	12.2945	12.381	1	FALSE	-0.6129
255545	0.55	0.54	12.4974	12.5983	12.6775	1	FALSE	-0.2867

Delta Analysis Reading Grade 04

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
200820	0.74	0.72	10.4266	10.6686	10.6968	1	FALSE	0.4799
200822	0.81	0.82	9.4884	9.3385	9.3405	1	FALSE	-0.3707
200830	0.72	0.7	10.6686	10.9024	10.9352	1	FALSE	0.4545
200843	2.27	2.5	12.3199	11.7254	11.7745	4	FALSE	2.3941
203740	0.63	0.65	11.6726	11.4587	11.5025	1	FALSE	-0.2163
203743	0.55	0.57	12.4974	12.2945	12.3547	1	FALSE	-0.4075
203758	0.64	0.62	11.5662	11.7781	11.8281	1	FALSE	0.4226
203768	1.54	1.63	14.1695	13.9359	14.0285	4	FALSE	-0.4187
203801	0.82	0.81	9.3385	9.4884	9.4934	1	FALSE	-0.3226
203806	0.77	0.76	10.0446	10.1748	10.1933	1	FALSE	-0.3655
203810	2.77	2.78	10.9882	10.9597	10.9936	4	FALSE	-1.3614
203858	0.52	0.52	12.7994	12.7994	12.8696	1	FALSE	-0.9111
203862	0.83	0.85	9.1833	8.8543	8.8467	1	FALSE	0.9418
203871	0.54	0.53	12.5983	12.6989	12.7671	1	FALSE	-0.2249
203873	2.54	2.45	11.6195	11.8566	11.9082	4	FALSE	0.6088
203890	0.9	0.92	7.8738	7.3797	7.3431	1	FALSE	2.2913
203906	0.84	0.81	9.0222	9.4884	9.4934	1	FALSE	1.8775
203922	0.8	0.79	9.6335	9.7743	9.7849	1	FALSE	-0.3465
203925	0.65	0.67	11.4587	11.2403	11.2798	1	FALSE	-0.1551
225764	0.79	0.79	9.7743	9.7743	9.7849	1	FALSE	-1.3257
225765	0.79	0.8	9.7743	9.6335	9.6413	1	FALSE	-0.4743
225766	0.64	0.62	11.5662	11.7781	11.8281	1	FALSE	0.4226
225767	0.6	0.61	11.9866	11.8827	11.9348	1	FALSE	-1.0392
225769	0.63	0.63	11.6726	11.6726	11.7206	1	FALSE	-1.0655
225770	0.46	0.46	13.4017	13.4017	13.4838	1	FALSE	-0.8285
225772	0.72	0.72	10.6686	10.6686	10.6968	1	FALSE	-1.2031
225773	0.66	0.69	11.3501	11.0166	11.0517	1	FALSE	0.6766
225776	2.29	2.34	12.269	12.1412	12.1984	4	FALSE	-0.9081
225778	1.56	1.53	14.1173	14.1957	14.2934	4	FALSE	-0.1745
232524	0.37	0.4	14.3274	14.0134	14.1075	1	FALSE	0.1301
232526	0.69	0.7	11.0166	10.9024	10.9352	1	FALSE	-0.8331
232528	2.82	2.67	10.8447	11.2679	11.3079	4	FALSE	1.8224
232529	0.81	0.8	9.4884	9.6335	9.6413	1	FALSE	-0.3359
232530	0.66	0.66	11.3501	11.3501	11.3918	1	FALSE	-1.1097
232542	0.77	0.78	10.0446	9.9112	9.9245	1	FALSE	-0.5639
232569	0.85	0.85	8.8543	8.8543	8.8467	1	FALSE	-1.3466
232589	0.56	0.57	12.3961	12.2945	12.3547	1	FALSE	-1.1114
232592	0.44	0.48	13.6039	13.2006	13.2787	1	FALSE	0.862
232595	2.11	2.25	12.7241	12.3708	12.4325	4	FALSE	0.6283
232647	0.53	0.51	12.6989	12.8997	12.9719	1	FALSE	0.4991
232657	0.71	0.7	10.7865	10.9024	10.9352	1	FALSE	-0.3648
232664	0.84	0.83	9.0222	9.1833	9.1823	1	FALSE	-0.2859
234353	0.69	0.68	11.0166	11.1292	11.1665	1	FALSE	-0.3569

Delta Analysis Reading Grade 04

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
243661	0.78	0.8	9.9112	9.6335	9.6413	1	FALSE	0.4778
255633	0.65	0.7	11.4587	10.9024	10.9352	1	FALSE	2.2414
255637	0.68	0.65	11.1292	11.4587	11.5025	1	FALSE	1.1966

Delta Analysis Reading Grade 05

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
201746	0.89	0.9	8.0939	7.8738	7.7302	1	FALSE	0.8949
201752	0.46	0.48	13.4017	13.2006	13.3135	1	FALSE	-0.5563
201757	0.64	0.63	11.5662	11.6726	11.7119	1	FALSE	-0.253
201760	0.48	0.44	13.2006	13.6039	13.7362	1	FALSE	1.8008
201769	1.9	1.86	13.2508	13.3514	13.4716	4	FALSE	0.142
201902	0.64	0.64	11.5662	11.5662	11.6004	1	FALSE	-0.8406
201904	0.77	0.77	10.0446	10.0446	10.0056	1	FALSE	-0.8152
201906	0.74	0.74	10.4266	10.4266	10.406	1	FALSE	-0.9121
201911	1.68	1.83	13.8076	13.4269	13.5508	4	FALSE	0.332
201923	0.81	0.8	9.4884	9.6335	9.5747	1	FALSE	-0.5665
201924	0.76	0.76	10.1748	10.1748	10.142	1	FALSE	-0.8482
201928	0.65	0.65	11.4587	11.4587	11.4878	1	FALSE	-0.8679
201937	1.75	1.78	13.6292	13.5532	13.6831	4	FALSE	-0.7371
202056	0.68	0.72	11.1292	10.6686	10.6596	1	FALSE	1.4528
202059	0.72	0.73	10.6686	10.5487	10.534	1	FALSE	-0.3115
202061	0.52	0.53	12.7994	12.6989	12.7877	1	FALSE	-0.9593
202063	0.74	0.73	10.4266	10.5487	10.534	1	FALSE	-0.4553
202065	0.61	0.61	11.8827	11.8827	11.9322	1	FALSE	-0.7603
202069	0.56	0.56	12.3961	12.3961	12.4703	1	FALSE	-0.6301
202072	1.56	1.62	14.1173	13.9617	14.1113	4	FALSE	-0.9893
202075	1.73	1.79	13.6801	13.5279	13.6566	4	FALSE	-0.8974
226477	0.82	0.82	9.3385	9.3385	9.2655	1	FALSE	-0.6361
226487	0.6	0.62	11.9866	11.7781	11.8225	1	FALSE	-0.1564
226490	0.57	0.6	12.2945	11.9866	12.0411	1	FALSE	0.3142
226498	0.83	0.81	9.1833	9.4884	9.4226	1	FALSE	0.2395
226500	0.75	0.73	10.302	10.5487	10.534	1	FALSE	0.201
226502	0.82	0.81	9.3385	9.4884	9.4226	1	FALSE	-0.5781
226508	0.68	0.68	11.1292	11.1292	11.1424	1	FALSE	-0.9515
226510	0.57	0.59	12.2945	12.0898	12.1493	1	FALSE	-0.2557
226515	1.4	1.39	14.5413	14.5683	14.7471	4	FALSE	0.0634
226517	1.64	1.66	13.9102	13.8588	14.0034	4	FALSE	-0.5297
226597	0.79	0.77	9.7743	10.0446	10.0056	1	FALSE	0.1974
226598	0.73	0.74	10.5487	10.4266	10.406	1	FALSE	-0.2687
226599	0.72	0.8	10.6686	9.6335	9.5747	1	TRUE	4.7422
226600	0.81	0.78	9.4884	9.9112	9.8658	1	FALSE	0.967
227093	0.62	0.65	11.7781	11.4587	11.4878	1	FALSE	0.5085
230632	0.85	0.83	8.8543	9.1833	9.1028	1	FALSE	0.2885
230723	0.46	0.48	13.4017	13.2006	13.3135	1	FALSE	-0.5563
233190	0.72	0.73	10.6686	10.5487	10.534	1	FALSE	-0.3115
256354	0.59	0.58	12.0898	12.1924	12.2568	1	FALSE	-0.1412
256359	0.91	0.89	7.637	8.0939	7.9609	1	FALSE	0.6856
256368	0.72	0.67	10.6686	11.2403	11.2589	1	FALSE	2.0886
256370	1.55	1.58	14.1434	14.0652	14.2198	4	FALSE	-0.6182

Delta Analysis Reading Grade 05

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
256397	0.7	0.69	10.9024	11.0166	11.0244	1	FALSE	-0.3784
256403	0.58	0.62	12.1924	11.7781	11.8225	1	FALSE	0.9279
256409	0.79	0.76	9.7743	10.1748	10.142	1	FALSE	0.9162
256411	0.65	0.64	11.4587	11.5662	11.6004	1	FALSE	-0.2746
256415	1.53	1.7	14.1957	13.7565	13.8962	4	FALSE	0.557
256829	0.53	0.55	12.6989	12.4974	12.5764	1	FALSE	-0.3755
256837	0.79	0.78	9.7743	9.9112	9.8658	1	FALSE	-0.5391
257391	0.87	0.88	8.4944	8.3001	8.177	1	FALSE	0.6514

Delta Analysis Reading Grade 06

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
200339	0.51	0.54	12.8997	12.5983	12.6801	1	FALSE	0.2474
200342	0.65	0.65	11.4587	11.4587	11.5411	1	FALSE	-0.6403
200345	0.76	0.75	10.1748	10.302	10.3849	1	FALSE	0.1859
200348	2.03	2.02	12.9248	12.9499	13.0316	4	FALSE	-0.4824
204009	0.85	0.86	8.8543	8.6787	8.7623	1	FALSE	-0.578
204011	0.9	0.9	7.8738	7.8738	7.9577	1	FALSE	-0.6301
204013	0.76	0.78	10.1748	9.9112	9.9942	1	FALSE	-0.0053
204014	0.86	0.87	8.6787	8.4944	8.5781	1	FALSE	-0.5219
204017	0.93	0.91	7.0968	7.637	7.721	1	FALSE	2.8634
204020	0.75	0.74	10.302	10.4266	10.5094	1	FALSE	0.1682
204021	0.55	0.6	12.4974	11.9866	12.0687	1	FALSE	1.599
204022	1.85	1.83	13.3765	13.4269	13.5084	4	FALSE	-0.32
204026	2.05	1.94	12.8746	13.1504	13.232	4	FALSE	1.1383
204262	0.65	0.63	11.4587	11.6726	11.7548	1	FALSE	0.7421
204266	0.71	0.72	10.7865	10.6686	10.7513	1	FALSE	-0.9455
204271	0.5	0.51	13	12.8997	12.9814	1	FALSE	-1.0527
204274	0.71	0.73	10.7865	10.5487	10.6315	1	FALSE	-0.1706
204278	0.65	0.65	11.4587	11.4587	11.5411	1	FALSE	-0.6403
204283	0.61	0.62	11.8827	11.7781	11.8603	1	FALSE	-1.0276
204284	0.71	0.71	10.7865	10.7865	10.8691	1	FALSE	-0.6384
204287	0.6	0.61	11.9866	11.8827	11.9649	1	FALSE	-1.0322
204294	1.53	1.51	14.1957	14.2482	14.3293	4	FALSE	-0.3085
204298	1.47	1.5	14.3539	14.2746	14.3557	4	FALSE	-1.1615
204474	0.7	0.68	10.9024	11.1292	11.2117	1	FALSE	0.8273
204479	0.57	0.64	12.2945	11.5662	11.6485	1	TRUE	3.0049
204491	0.6	0.63	11.9866	11.6726	11.7548	1	FALSE	0.326
226657	0.69	0.69	11.0166	11.0166	11.0991	1	FALSE	-0.639
226659	0.7	0.7	10.9024	10.9024	10.985	1	FALSE	-0.6387
226667	0.94	0.94	6.7809	6.7809	6.8653	1	FALSE	-0.627
226669	1.83	1.79	13.4269	13.5279	13.6094	4	FALSE	0.0069
226697	0.7	0.76	10.9024	10.1748	10.2577	1	FALSE	2.9962
226699	0.87	0.89	8.4944	8.0939	8.1777	1	FALSE	0.8754
226702	0.79	0.79	9.7743	9.7743	9.8574	1	FALSE	-0.6355
226719	0.84	0.86	9.0222	8.6787	8.7623	1	FALSE	0.5078
226722	0.66	0.67	11.3501	11.2403	11.3228	1	FALSE	-0.9958
226723	0.89	0.89	8.0939	8.0939	8.1777	1	FALSE	-0.6307
226725	0.76	0.77	10.1748	10.0446	10.1276	1	FALSE	-0.8675
226728	0.78	0.79	9.9112	9.7743	9.8574	1	FALSE	-0.8247
226730	1.8	1.72	13.5026	13.7055	13.7869	4	FALSE	0.6651
226735	1.56	1.53	14.1173	14.1957	14.2768	4	FALSE	-0.141
226737	0.88	0.9	8.3001	7.8738	7.9577	1	FALSE	1.041
227775	0.83	0.83	9.1833	9.1833	9.2667	1	FALSE	-0.6338
227780	0.84	0.85	9.0222	8.8543	8.9378	1	FALSE	-0.6269

Delta Analysis Reading Grade 06

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
230176	0.89	0.88	8.0939	8.3001	8.3838	1	FALSE	0.7018
256334	0.71	0.74	10.7865	10.4266	10.5094	1	FALSE	0.6188
256337	0.86	0.86	8.6787	8.6787	8.7623	1	FALSE	-0.6324
256342	0.82	0.81	9.3385	9.4884	9.5716	1	FALSE	0.3345
256346	0.54	0.53	12.5983	12.6989	12.7807	1	FALSE	0.0071
256347	1.62	1.72	13.9617	13.7055	13.7869	4	FALSE	-0.0421
256651	0.54	0.57	12.5983	12.2945	12.3765	1	FALSE	0.2614
256674	0.61	0.62	11.8827	11.7781	11.8603	1	FALSE	-1.0276

Delta Analysis Reading Grade 07

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
199526	0.64	0.66	11.5662	11.3501	11.5619	1	FALSE	-1.4816
199527	0.67	0.7	11.2403	10.9024	11.0986	1	FALSE	-0.4252
199528	0.68	0.67	11.1292	11.2403	11.4483	1	FALSE	0.9376
199529	0.78	0.77	9.9112	10.0446	10.2111	1	FALSE	0.7897
199530	0.48	0.52	13.2006	12.7994	13.0614	1	FALSE	-0.4446
199531	0.71	0.74	10.7865	10.4266	10.6063	1	FALSE	-0.1301
199532	0.72	0.76	10.6686	10.1748	10.3458	1	FALSE	0.9668
199533	0.84	0.86	9.0222	8.6787	8.7978	1	FALSE	0.2099
199535	1.83	1.86	13.4269	13.3514	13.6325	4	FALSE	0.0656
199536	1.84	2.07	13.4017	12.8245	13.0874	4	FALSE	0.9014
199562	0.76	0.79	10.1748	9.7743	9.9314	1	FALSE	0.356
199563	0.69	0.7	11.0166	10.9024	11.0986	1	FALSE	-0.8843
199565	0.87	0.87	8.4944	8.4944	8.6071	1	FALSE	-0.6486
199568	0.59	0.59	12.0898	12.0898	12.3272	1	FALSE	0.3099
199569	2.01	2.16	12.9749	12.5983	12.8533	4	FALSE	-0.5798
199597	0.45	0.46	13.5026	13.4017	13.6846	1	FALSE	-0.1158
199598	0.85	0.86	8.8543	8.6787	8.7978	1	FALSE	-1.0804
199599	0.86	0.87	8.6787	8.4944	8.6071	1	FALSE	-0.9641
199603	0.54	0.57	12.5983	12.2945	12.539	1	FALSE	-1.0591
199604	0.81	0.82	9.4884	9.3385	9.4805	1	FALSE	-1.4536
199605	0.78	0.77	9.9112	10.0446	10.2111	1	FALSE	0.7897
199608	1.81	1.98	13.4774	13.0501	13.3208	4	FALSE	-0.3115
199609	1.71	1.82	13.731	13.4522	13.7368	4	FALSE	-1.4696
201466	0.7	0.73	10.9024	10.5487	10.7327	1	FALSE	-0.2103
201468	0.82	0.84	9.3385	9.0222	9.1531	1	FALSE	-0.0898
201470	0.89	0.91	8.0939	7.637	7.7199	1	FALSE	1.3595
201472	0.79	0.83	9.7743	9.1833	9.3199	1	FALSE	1.9776
201476	0.84	0.86	9.0222	8.6787	8.7978	1	FALSE	0.2099
201479	0.74	0.74	10.4266	10.4266	10.6063	1	FALSE	-0.1335
201482	0.6	0.61	11.9866	11.8827	12.1129	1	FALSE	-0.5437
201487	0.89	0.91	8.0939	7.637	7.7199	1	FALSE	1.3595
201490	1.86	2.1	13.3514	12.7492	13.0094	4	FALSE	1.1132
201492	1.75	1.92	13.6292	13.2006	13.4765	4	FALSE	-0.341
201523	0.73	0.72	10.5487	10.6686	10.8567	1	FALSE	0.8523
201529	0.61	0.63	11.8827	11.6726	11.8955	1	FALSE	-1.4162
201530	0.48	0.49	13.2006	13.1003	13.3727	1	FALSE	-0.1918
201532	0.79	0.8	9.7743	9.6335	9.7857	1	FALSE	-1.427
201535	1.79	1.96	13.5279	13.1003	13.3727	4	FALSE	-0.3218
201648	0.72	0.73	10.6686	10.5487	10.7327	1	FALSE	-1.0222
226905	0.72	0.73	10.6686	10.5487	10.7327	1	FALSE	-1.0222
226906	0.63	0.64	11.6726	11.5662	11.7854	1	FALSE	-0.6475
233750	0.64	0.61	11.5662	11.8827	12.1129	1	FALSE	2.6874
256093	0.74	0.73	10.4266	10.5487	10.7327	1	FALSE	0.8376
256096	0.87	0.86	8.4944	8.6787	8.7978	1	FALSE	0.8167
256099	0.86	0.85	8.6787	8.8543	8.9794	1	FALSE	0.7963
256100	0.47	0.47	13.3011	13.3011	13.5805	1	FALSE	0.6328
256108	1.56	1.84	14.1173	13.4017	13.6846	4	FALSE	1.8102

Delta Analysis Reading Grade 07

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
256172	0.89	0.88	8.0939	8.3001	8.406	1	FALSE	0.8839
256176	0.82	0.83	9.3385	9.1833	9.3199	1	FALSE	-1.3713
256189	0.91	0.91	7.637	7.637	7.7199	1	FALSE	-0.8772

Delta Analysis Reading Grade 08

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
199665	0.67	0.68	11.2403	11.1292	11.1521	1	FALSE	-0.7521
199666	0.72	0.69	10.6686	11.0166	11.0373	1	FALSE	0.7544
199668	0.84	0.84	9.0222	9.0222	9.0028	1	FALSE	-1.1218
199670	0.69	0.67	11.0166	11.2403	11.2655	1	FALSE	0.1112
199671	0.44	0.46	13.6039	13.4017	13.4703	1	FALSE	-0.5085
199674	2.01	2.2	12.9749	12.4974	12.5478	4	FALSE	1.0688
199675	2.27	2.33	12.3199	12.1668	12.2106	4	FALSE	-0.6386
204093	0.84	0.82	9.0222	9.3385	9.3255	1	FALSE	0.4036
204095	0.5	0.4	13	14.0134	14.0943	1	TRUE	4.6526
204100	0.67	0.68	11.2403	11.1292	11.1521	1	FALSE	-0.7521
204102	0.76	0.75	10.1748	10.302	10.3084	1	FALSE	-0.5084
204106	0.67	0.64	11.2403	11.5662	11.5979	1	FALSE	0.6947
204122	0.78	0.76	9.9112	10.1748	10.1786	1	FALSE	0.2101
204128	1.76	1.85	13.6039	13.3765	13.4446	4	FALSE	-0.3705
204133	2.14	2.15	12.6486	12.6235	12.6764	4	FALSE	-1.0768
204140	0.71	0.7	10.7865	10.9024	10.9208	1	FALSE	-0.5044
204144	0.74	0.73	10.4266	10.5487	10.56	1	FALSE	-0.5093
204147	0.74	0.74	10.4266	10.4266	10.4354	1	FALSE	-1.1786
204155	1.9	1.98	13.2508	13.0501	13.1117	4	FALSE	-0.4783
226240	0.82	0.8	9.3385	9.6335	9.6264	1	FALSE	0.3205
226244	0.86	0.87	8.6787	8.4944	8.4644	1	FALSE	-0.0748
226246	0.89	0.9	8.0939	7.8738	7.8313	1	FALSE	0.1845
226247	2.12	2.24	12.6989	12.3961	12.4445	4	FALSE	0.1408
230175	0.81	0.79	9.4884	9.7743	9.77	1	FALSE	0.2869
233566	0.91	0.89	7.637	8.0939	8.0558	1	FALSE	1.0243
233567	0.84	0.83	9.0222	9.1833	9.1672	1	FALSE	-0.4469
233690	0.82	0.83	9.3385	9.1833	9.1672	1	FALSE	-0.3054
233691	0.77	0.79	10.0446	9.7743	9.77	1	FALSE	0.2491
233958	0.83	0.81	9.1833	9.4884	9.4784	1	FALSE	0.3591
234521	0.74	0.73	10.4266	10.5487	10.56	1	FALSE	-0.5093
243072	0.59	0.61	12.0898	11.8827	11.9208	1	FALSE	-0.318
255934	0.64	0.62	11.5662	11.7781	11.814	1	FALSE	0.1057
255938	0.79	0.8	9.7743	9.6335	9.6264	1	FALSE	-0.4314
255939	0.78	0.8	9.9112	9.6335	9.6264	1	FALSE	0.3041
255939	0.79	0.8	9.7743	9.6335	9.6264	1	FALSE	-0.4314
255942	0.73	0.73	10.5487	10.5487	10.56	1	FALSE	-1.1654
255944	0.84	0.85	9.0222	8.8543	8.8315	1	FALSE	-0.2017
255944	0.86	0.85	8.6787	8.8543	8.8315	1	FALSE	-0.4052
255946	0.77	0.8	10.0446	9.6335	9.6264	1	FALSE	1.0207
255947	0.43	0.41	13.7055	13.9102	13.989	1	FALSE	0.2969
255960	0.84	0.87	9.0222	8.4944	8.4644	1	FALSE	1.7702
255960	0.87	0.87	8.4944	8.4944	8.4644	1	FALSE	-1.0649
255965	2.04	2.16	12.8997	12.5983	12.6507	4	FALSE	0.1118
255976	1.7	1.96	13.7565	13.1003	13.1628	4	FALSE	1.9633
256257	0.62	0.66	11.7781	11.3501	11.3775	1	FALSE	0.9259
256279	0.86	0.86	8.6787	8.6787	8.6524	1	FALSE	-1.0848
256280	0.87	0.86	8.4944	8.6787	8.6524	1	FALSE	-0.3772

Delta Analysis Reading Grade 08

IREF	OLDP	NEWP	OLDDELTA	NEWDELTA	LINE	MAX	DISCARD	STDEV_FROM_LINE
256287	0.88	0.88	8.3001	8.3001	8.2662	1	FALSE	-1.0439
260013	0.32	0.32	14.8708	14.8708	14.9689	1	FALSE	-0.699